



# TMTC2 rabbit pAb

Cat No.:ES12628

For research use only

## Overview

|                                 |                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Name</b>             | TMTC2 rabbit pAb                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Host species</b>             | Rabbit                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Applications</b>             | WB                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Species Cross-Reactivity</b> | Human; Mouse                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Recommended dilutions</b>    | WB 1: 500-2000                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Immunogen</b>                | Synthesized peptide derived from human TMTC2 AA range: 184-234                                                                                                                                                                                                                                                                                                                                   |
| <b>Specificity</b>              | This antibody detects endogenous levels of TMTC2 at Human/Mouse                                                                                                                                                                                                                                                                                                                                  |
| <b>Formulation</b>              | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                          |
| <b>Storage</b>                  | Store at -20°C. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                               |
| <b>Protein Name</b>             | TMTC2                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Gene Name</b>                | TMTC2                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Cellular localization</b>    | Membrane ; Multi-pass membrane protein . Endoplasmic reticulum .                                                                                                                                                                                                                                                                                                                                 |
| <b>Purification</b>             | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                                            |
| <b>Clonality</b>                | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Concentration</b>            | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Observed band</b>            |                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Human Gene ID</b>            | 160335                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Human Swiss-Prot Number</b>  | Q8N394                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Alternative Names</b>        |                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Background</b>               | The protein encoded by this gene is an integral membrane protein localized to the endoplasmic reticulum (ER). The encoded protein contains many tetratricopeptide repeats, sequences known for being involved in protein-protein interactions. This protein binds both the calcium uptake pump SERCA2B and the carbohydrate-binding chaperone calnexin, and it appears to play a role in calcium |





homeostasis in the ER. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2016],

Western blot analysis of lysates from THP-1 cells, primary antibody was diluted at 1:1000, 4° over night

