



# eRF3a rabbit pAb

Cat No.:ES5684

For research use only

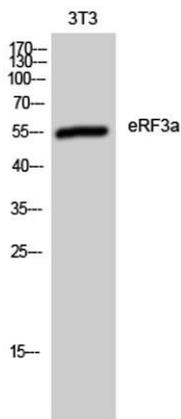
## Overview

|                                 |   |
|---------------------------------|---|
| <b>Product Name</b>             | eRF3a rabbit pAb  |
| <b>Host species</b>             | Rabbit  |
| <b>Applications</b>             | WB;IHC;IF;ELISA   |
| <b>Species Cross-Reactivity</b> | Human;Mouse;Rat   |
| <b>Recommended dilutions</b>    | Western Blot: 1/500 - 1/2000.<br>Immunohistochemistry: 1/100 - 1/300. ELISA:<br>1/40000. Not yet tested in other applications.  |
| <b>Immunogen</b>                | The antiserum was produced against synthesized peptide derived from human GSPT1. AA range:101-150   |
| <b>Specificity</b>              | eRF3a Polyclonal Antibody detects endogenous levels of eRF3a protein.   |
| <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>             | Eukaryotic peptide chain release factor GTP-binding subunit ERF3A   |
| <b>Gene Name</b>                | GSPT1   |
| <b>Cellular localization</b>    | intracellular,cytosol,translation release factor complex,   |
| <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>            | 55kD  |
| <b>Human Gene ID</b>            | 2935  |
| <b>Human Swiss-Prot Number</b>  | P15170  |
| <b>Alternative Names</b>        | GSPT1; ERF3A; Eukaryotic peptide chain release factor GTP-binding subunit ERF3A; Eukaryotic peptide chain release factor subunit 3a; eRF3a; G1 to S phase transition protein 1 homolog<br>function:Involved in translation termination in |
| <b>Background</b>               |   |





response to the termination codons UAA, UAG and UGA. Stimulates the activity of ERF1. Involved in regulation of mammalian cell growth.,similarity:Belongs to the GTP-binding elongation factor family. ERF3 subfamily.,subunit:Component of the mRNA surveillance SURF complex, at least composed of ERF1, ERF3 (ERF3A or ERF3B), EEF2, UPF1/RENT1, SMG1, SMG8 and SMG9.,



Western Blot analysis of 3T3 cells using eRF3a Polyclonal Antibody

Immunohistochemistry analysis of paraffin-embedded human prostate carcinoma tissue, using GSPT1 Antibody. The picture on the right is blocked with the synthesized peptide.

