

# BT3A3 rabbit pAb

Cat No.:ES17947

For research use only

## Overview

|                          |   |
|--------------------------|---|
| Product Name             | BT3A3 rabbit pAb  |
| Host species             | Rabbit  |
| Applications             | WB  |
| Species Cross-Reactivity | Human;Rat;Mouse;  |
| Recommended dilutions    | WB 1: 500-2000  |
| Immunogen                | Synthesized peptide derived from human BT3A3 AA range: 148-198  |
| Specificity              | This antibody detects endogenous levels of BT3A3 at Human   |
| Formulation              | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.   |
| Storage                  | Store at -20°C. Avoid repeated freeze-thaw cycles.  |
| Protein Name             | BT3A3   |
| Gene Name                | BTN3A3 BTF3   |
| Cellular localization    | Cell membrane ; Single-pass type I membrane protein .   |
| Purification             | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.   |
| Clonality                | Polyclonal  |
| Concentration            | 1 mg/ml   |
| Observed band            |   |
| Human Gene ID            | 10384   |
| Human Swiss-Prot Number  | O00478  |
| Alternative Names        |   |
| Background               | The butyrophilin (BTN) genes are a group of major histocompatibility complex (MHC)-associated genes that encode type I membrane proteins with 2 extracellular immunoglobulin (Ig) domains and an intracellular B30.2 (PRYSPRY) domain. Three subfamilies of human BTN genes are located in the MHC class I region: the single-copy BTN1A1 gene (MIM 601610) and the BTN2 (e.g., BTN2A1; MIM |





613590) and BTN3 (e.g., BNT3A3) genes, which have undergone tandem duplication, resulting in 3 copies of each (summary by Smith et al., 2010 [PubMed 20208008]).[supplied by OMIM, Nov 2010],

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

