

BTN3A1/2/3 rabbit pAb

Cat No.:ES8701

For research use only

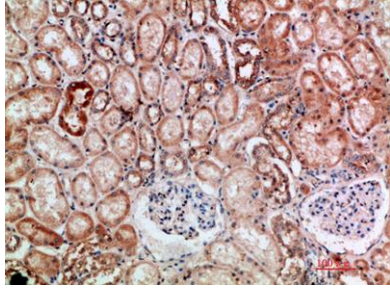
Overview

| | |
|--------------------------|---|
| Product Name | BTN3A1/2/3 rabbit pAb |
| Host species | Rabbit |
| Applications | IHC;IF;ELISA |
| Species Cross-Reactivity | Human;Rat;Mouse; |
| Recommended dilutions | IHC-p 1:50-200, ELISA 1:10000-20000 |
| Immunogen | Synthetic peptide from human protein at AA range: 41-90 |
| Specificity | The antibody detects endogenous BTN3A1/2/3 |
| 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 | Butyrophilin subfamily 3 member A1/2/3 (CD antigen CD277) |
| Gene Name | BTN3A1/2/3 BTF3/4/5 |
| 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 | 11119 |
| Human Swiss-Prot Number | O00481/P78410/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., BNT3A1) 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],

Immunohistochemical analysis of paraffin-embedded human-kidney, antibody was diluted at 1:200



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