

## BTN3A1/2/3 Polyclonal Antibody

Cat #: ABP57930

Size: 30µl /100µl /200µl

### Product Information

	<b>Product Name:</b> BTN3A1/2/3 Polyclonal Antibody		
	<b>Applications:</b> IHC-P, ELISA		<b>Isotype:</b> Rabbit IgG
	<b>Reactivity:</b> Human		
<b>REF</b>	<b>Catalog Number:</b> ABP57930	<b>LOT</b>	<b>Lot Number:</b> Refer to product label
	<b>Formulation:</b> Liquid		<b>Concentration:</b> 1 mg/ml
	<b>Storage:</b> Store at -20°C. Avoid repeated freeze / thaw cycles.		<b>Note:</b> Contain sodium azide.

**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]). BTN3A1 (Butyrophilin Subfamily 3 Member A1) is a Protein Coding gene. Among its related pathways are T Cell Co-Signaling Pathway: ligand-Receptor Interactions and Butyrophilin (BTN) family interactions. An important paralog of BTN3A1 is BTN3A3.

**Application Notes:** Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: IHC-P (1:50-1:200), ELISA (1:10000-1:20000).

**Storage Buffer:** PBS, pH 7.4, containing 0.02% Sodium Azide as preservative and 50% Glycerol as stabilizer.

**Storage Instructions:** Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

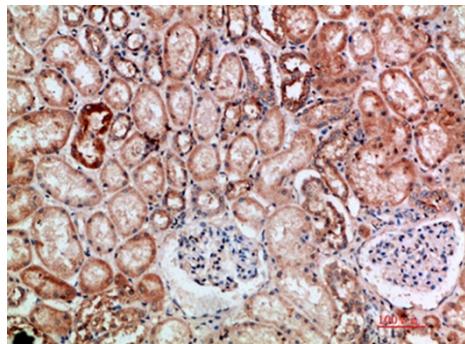


Fig.1. Immunohistochemical analysis of paraffin-embedded human-kidney, antibody was diluted at 1:200.

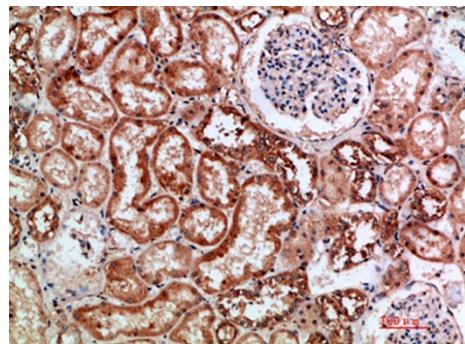


Fig.2. Immunohistochemical analysis of paraffin-embedded human-kidney, antibody was diluted at 1:200.

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