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Datasheet for ABIN2790921

anti-BTN2A3P antibody (N-Term)

1 Image

Overview

Quantity:	100 µL
Target:	BTN2A3P
Binding Specificity:	N-Term
Reactivity:	Human, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BTN2A3P antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human BTN2A3P
Sequence:	SPAVFVYKGG RERTEEQKEE YRGRTTFVSK DSRGSVALII HNVTAEDNGI
Predicted Reactivity:	Human: 100%, Rabbit: 80%
Characteristics:	This is a rabbit polyclonal antibody against BTN2A3P. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	BTN2A3P
Alternative Name:	BTN2A3P (BTN2A3P Products)

Target Details

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., BTN2A3) and BTN3 (e.g., BNT3A1, MIM 613593) genes, which have undergone tandem duplication, resulting in 3 copies of each (summary by Smith et al., 2010)

Alias Symbols: BTN2A3

Protein Interaction Partner: Dlg4,

Protein Size: 586

Molecular Weight: 66 kDa

Gene ID: 54718

NCBI Accession: [NM_024018](#), [NP_076923](#)

UniProt: [Q96KV6](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 586 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

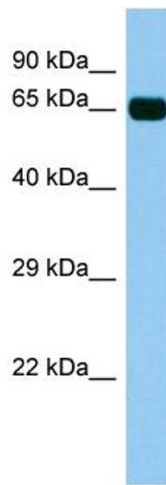
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. Host: Rabbit Target Name: BTN2A3P Sample Type: Fetal Heart lysates Antibody Dilution: 1.0ug/ml