

Rabbit anti-Human BTN3A1/2/3 Polyclonal Antibody | anti-BTN3A1/2/3 antibody

BTN3A1/2/3 Polyclonal Antibody

CATALOG # AAA173917	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry
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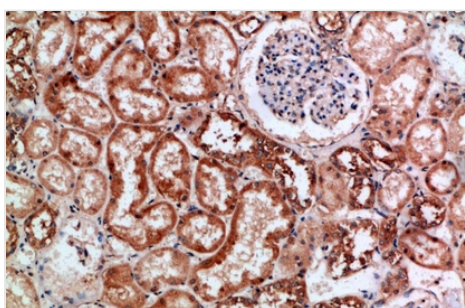
PRODUCT SYNONYMS

BTN3A1/2/3; Polyclonal Antibody; BTN3A1/2/3 Polyclonal Antibody; anti-BTN3A1/2/3 antibody

PRODUCT SPECIFICATIONS

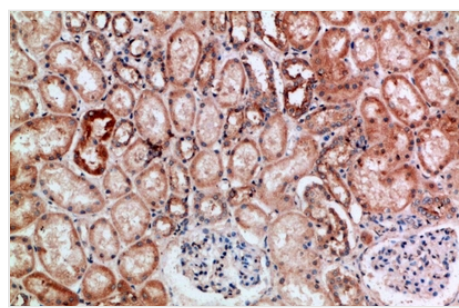
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/mL (varies by lot)
Sequence Length	461
Applicable Applications for anti-BTN3A1/2/3 antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	Synthetic peptide from human protein
Buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human kidney tissue using BTN3A1/2/3 Polyclonal Antibody at dilution of 1:200.



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Immunohistochemistry of paraffin-embedded Human kidney tissue using BTN3A1/2/3 Polyclonal Antibody at dilution of 1:200.

ADDITIONAL INFORMATION

Related Product Information for anti-BTN3A1/2/3 antibody	BTN3A1 (Butyrophilin Subfamily 3 Member A1) is a Protein Coding gene. Among its related pathways are Innate Immune System and T Cell Co-Signaling Pathway: Ligand-Receptor Interactions. An important paralog of this gene is BTN3A3.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]). BTN3A2 (Butyrophilin Subfamily 3 Member A2) is a Protein Coding gene. Among its related pathways are Innate Immune System and Butyrophilin (BTN) family interactions. An important paralog of this gene is BTN3A3.This gene encodes a member of the immunoglobulin superfamily, which resides in the juxta-telomeric region of the major histocompatability class 1 locus and is clustered with the other family members on chromosome 6. The encoded protein may be involved in the adaptive immune response. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. BTN3A3 (Butyrophilin Subfamily 3 Member A3) is a Protein Coding gene. Among its related pathways are Innate Immune System and Butyrophilin (BTN) family interactions. An important paralog of this gene is BTN3A1.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]).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	222418658
NCBI GeneID	11119
NCBI Accession #	NP_001138480.1
NCBI GenBank Nucleotide #	NM_001145008.1
UniProt Accession #	O00481; Q0P515; Q147X5; Q53F15; Q99420; Q9HCY1; A2A278; A8K2C8; B4DIQ1; B4DRM2; E9PGB4; E9PHG8
Molecular Weight	52,019 Da
NCBI Official Full Name	butyrophilin subfamily 3 member A1 isoform c
NCBI Official Synonym Full Names	butyrophilin subfamily 3 member A1
NCBI Official Symbol	BTN3A1
NCBI Official Synonym Symbols	BTF5; BT3.1; CD277; BTN3.1
NCBI Protein Information	butyrophilin subfamily 3 member A1
UniProt Protein Name	Butyrophilin subfamily 3 member A1
UniProt Gene Name	BTN3A1
UniProt Synonym Gene Names	BTF5

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/btn3a1-2-3-antibody-immunohistochemistry-elisa/173917>