

Rabbit BTN2A1 Polyclonal Antibody | anti-BTN2A1 antibody

BTN2A1 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199752	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat	Western Blot

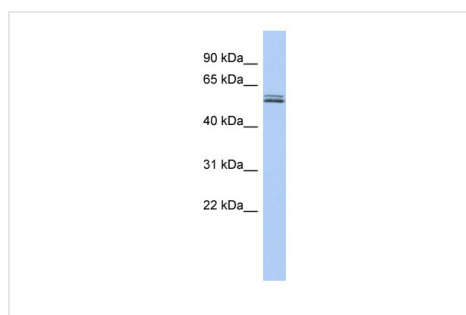
PRODUCT SYNONYMS

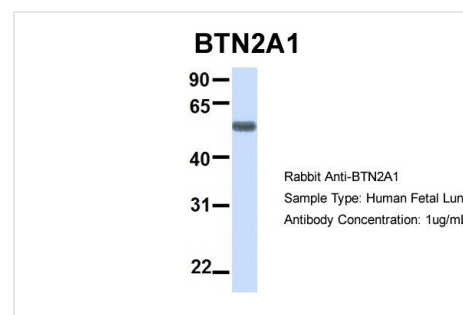
BTN2A1; Polyclonal Antibody; BTN2A1 antibody - N-terminal region; anti-BTN2A1 antibody

PRODUCT SPECIFICATIONS

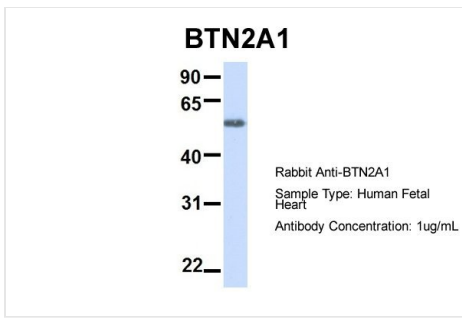
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: SV ALVIHNITAQ ENGTYRCYFQ EGRSYDEAIL HLVVAGLGSK PLISMRGH
Sequence Length	527
Applicable Applications for anti-BTN2A1 antibody	WB (Western Blot)
Homology	Cow: 93%; Dog: 86%; Guinea Pig: 86%; Horse: 82%; Human: 100%; Mouse: 91%; Pig: 100%; Rabbit: 100%; Rat: 91%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human BTN2A1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

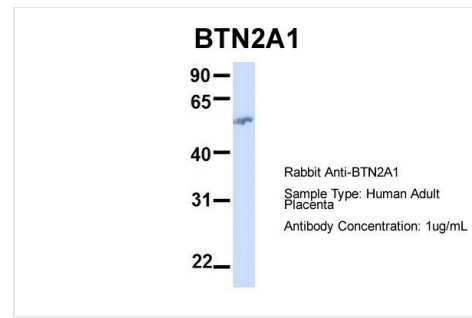
WB Suggested Anti-BTN2A1 Antibody Titration: 0.2-1 ug/mL
ELISA Titer: 1:62500
Positive Control: Human Thymus

WB (Western Blot)

Host: Rabbit
Target Name: BTN2A1
Sample Type: Human Fetal Lung
Antibody Dilution: 1.0ug/ml



WB (Western Blot)

Host: RabbitTarget Name: BTN2A1Sample Type: Human Fetal HeartAntibody Dilution: 1.0ug/ml



WB (Western Blot)

Host: RabbitTarget Name: BTN2A1Sample Type: Human Adult PlacentaAntibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-BTN2A1 antibody	This is a rabbit polyclonal antibody against BTN2A1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: The specific function of this protein remains unknown. This gene is a member of the BTN2 subfamily of genes, which encode proteins belonging to the butyrophilin protein family. The gene is located in a cluster on chromosome 6, consisting of seven genes belonging to the expanding B7/butyrophilin-like group, a subset of the immunoglobulin gene superfamily. The encoded protein is an integral plasma membrane B box protein involved in lipid, fatty-acid and sterol metabolism.
Product Categories/Family for anti-BTN2A1 antibody	Polyclonal; Signal Proteins; Membrane Protein; Drugs and Drug Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	5921461
NCBI GeneID	11120
NCBI Accession #	NP_008980
NCBI GenBank Nucleotide #	NM_007049
UniProt Accession #	Q7KYR7
Molecular Weight	57kDa
NCBI Official Full Name	butyrophilin subfamily 2 member A1 isoform 1
NCBI Official Synonym Full Names	butyrophilin subfamily 2 member A1
NCBI Official Symbol	BTN2A1
NCBI Official Synonym Symbols	BTF1; BT2.1; BTN2.1; DJ3E1.1; BK14H9.1
NCBI Protein Information	butyrophilin subfamily 2 member A1
UniProt Protein Name	Butyrophilin subfamily 2 member A1
UniProt Gene Name	BTN2A1
UniProt Synonym Gene Names	BT2.1; BTF1
UniProt Entry Name	BT2A1_HUMAN

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.