

Datasheet for ABIN2790729
anti-BTN2A2 antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	BTN2A2
Binding Specificity:	N-Term
Reactivity:	Human, Guinea Pig, Horse, Rabbit, Cow, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BTN2A2 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 BTN2A2
Sequence:	EDMEVRWFRS QFSPAVFVYK GGRERTEEQM EEYRGRITFV SKDINRGSA
Predicted Reactivity:	Cow: 79%, Dog: 93%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Rabbit: 93%
Characteristics:	This is a rabbit polyclonal antibody against BTN2A2. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	BTN2A2
Alternative Name:	BTN2A2 (BTN2A2 Products)

Target Details

Background:	<p>Butyrophilin is the major protein associated with fat droplets in the milk. 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 a type I receptor glycoprotein involved in lipid, fatty-acid and sterol metabolism. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene.</p> <p>Alias Symbols: BT2.2, BTF2, FLJ41908</p> <p>Protein Interaction Partner: FATE1, PSMA3, UBC,</p> <p>Protein Size: 523</p>
Molecular Weight:	59 kDa
Gene ID:	10385
NCBI Accession:	NM_006995 , NP_008926
UniProt:	Q8WVV5
Pathways:	Activated T Cell Proliferation

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 523 AA
Restrictions:	For Research Use only

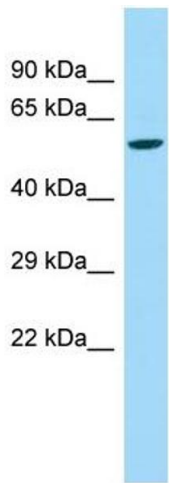
Handling

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.

Handling

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.

Images



Western Blotting

Image 1. Host: Rabbit Target Name: BTN2A2 Sample Type: Fetal Heart lysates Antibody Dilution: 1.0ug/ml