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anti-BTN1A1 antibody (N-Term)



Image



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Quantity:	100 μL
Target:	BTN1A1
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Dog, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BTN1A1 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 BTN1A1
Sequence:	LPCRLSPNAS AEHLELRWFR KKVSPAVLVH RDGREQEAEQ MPEYRGRATL
Predicted Reactivity:	Dog: 93%, Horse: 79%, Human: 100%, Rat: 79%
Characteristics:	This is a rabbit polyclonal antibody against BTN1A1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	BTN1A1

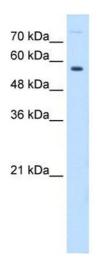
Target Details

Alternative Name:	BTN1A1 (BTN1A1 Products)	
Background:	Butyrophilin is the major protein associated with fat droplets in the milk. It is a member of the immunoglobulin superfamily. It may have a cell surface receptor function. The human butyrophilin gene is localized in the major histocompatibility complex (MHC) class I region of 6p and may have arisen relatively recently in evolution by the shuffling of exons between 2 ancestral gene families. Butyrophilin is the major protein associated with fat droplets in the milk. It is a member of the immunoglobulin superfamily. It may have a cell surface receptor function. The human butyrophilin gene is localized in the major histocompatibility complex (MHC) class I region of 6p and may have arisen relatively recently in evolution by the shuffling of exons between 2 ancestral gene families. Alias Symbols: BT, BTN Protein Interaction Partner: TRIM68, PLK1, XDH, Protein Size: 526	
Molecular Weight:	56 kDa	
Gene ID:	696	
NCBI Accession:	NM_001732, NP_001723	
UniProt:	Q13410	
Pathways:	Activated T Cell Proliferation	
Application Details		
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 526 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	

Handling

	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.	

Images



Western Blotting

Image 1. WB Suggested Anti-BTN1A1 Antibody Titration:0.2-1 ug/ml Positive Control: HepG2 cell lysate