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anti-DTNBP1 antibody (N-Term)

2 Images



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Overview

Quantity:	0.4 mL
Target:	DTNBP1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the N-terminal region of mouse Dtnbp1.
Isotype:	Ig Fraction
Specificity:	This antibody detects DTNBP1 (N-term).
Purification:	Protein G Chromatography, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

Target Details

Target:	DTNBP1
Alternative Name:	Dysbindin (DTNBP1 Products)
Background:	Dtnbp1 may play a role in organelle biogenesis associated with melanosomes, platelet dense

	granules, and lysosomes. A similar protein in mouse is a component of a protein complex
	termed biogenesis of lysosome-related organelles complex 1 (BLOC-1), and binds to alpha- and
	beta-dystrobrevins, which are components of the dystrophin-associated protein complex (DPC)
	Mutations are associated with Hermansky-Pudlak syndrome type 7. This protein may also be
	associated with schizophrenia.Synonyms: DTNBP1, Dystrobrevin-binding protein 1, Hermansky
	Pudlak syndrome 7 protein homolog, Hps7-like protein, My031
Molecular Weight:	39651 Da
Gene ID:	94245, 10090
UniProt:	Q91WZ8
Pathways:	Synaptic Membrane, Regulation of G-Protein Coupled Receptor Protein Signaling
Application Details	
Application Notes:	ELISA: 1/1,000. Western blot: 1/50-1/100. Immunohistochemistry: 1/10-1/50.
	Other applications not tested.
	Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) Sodium Azide as preservative.
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 freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at-20 °C for longer.

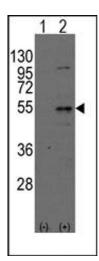


Image 1.

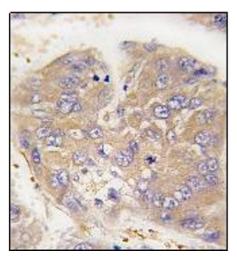


Image 2.