

Rabbit anti-Human DTNBP1 Polyclonal Antibody | anti-DTNBP1 antibody

DTNBP1 Antibody (N-term)

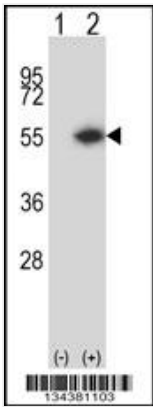
CATALOG # AAA285322	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

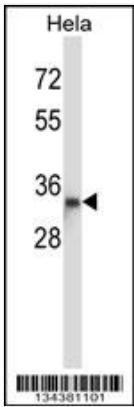
DTNBP1; Polyclonal Antibody; DTNBP1 Antibody (N-term); Dysbindin; Biogenesis of lysosome-related organelles complex 1 subunit 8; BLOC-1 subunit 8; Dysbindin-1; Dystrobrevin-binding protein 1; Hermansky-Pudlak syndrome 7 protein; HPS7 protein; BLOC1S8; anti-DTNBP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DTNBP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 10-38 amino acids from the N-terminal region of human DTNBP1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	10-38
Sequence Length	270
Applicable Applications for anti-DTNBP1 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
Western blot analysis of DTNBP1 (arrow) using rabbit polyclonal DTNBP1 Antibody (N-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the DTNBP1 gene.



WB (Western Blot)
DTNBP1 Antibody (N-term) western blot analysis in HeLa cell line lysates (35ug/lane). This demonstrates the DTNBP1 antibody detected the DTNBP1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-DTNBP1 antibody	This gene encodes a protein that 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 in this gene are associated with Hermansky-Pudlak syndrome type 7. This gene may also be associated with schizophrenia. Multiple transcript variants encoding distinct isoforms have been identified for this gene.
Product Categories/Family for anti-DTNBP1 antibody	Neuroscience
References	Haukvik, U.K., et al. Prog. Neuropsychopharmacol. Biol. Psychiatry 34(7):1259-1265(2010) Voisey, J., et al. Eur. Psychiatry 25(6):314-319(2010) Ruano, G., et al. Pharmacogenomics 11(7):959-971(2010) Hashimoto, R., et al. Nihon Shinkei Seishin Yakurigaku Zasshi 30(3):103-107(2010) Voisey, J., et al. Behav Brain Funct 6, 41 (2010) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	410651504
NCBI GeneID	84062
NCBI Accession #	NP_001258596.1; NP_001258597.1; NP_001258598.1; NP_115498.2; NP_898861.1
NCBI GenBank Nucleotide #	NM_001271667.1
UniProt Accession #	Q96EV8; Q5THY3; Q5THY4; Q96NV2; Q9H0U2; Q9H3J5; A8K3V3
Molecular Weight	39493
NCBI Official Full Name	dysbindin isoform C
NCBI Official Synonym Full Names	dystrobrevin binding protein 1
NCBI Official Symbol	DTNBP1
NCBI Official Synonym Symbols	SDY; DBND; HPS7; My031; BLOC1S8

NCBI Protein Information	dysbindin
UniProt Protein Name	Dysbindin
UniProt Gene Name	DTNBP1
UniProt Synonym Gene Names	BLOC1S8; BLOC-1 subunit 8; HPS7 protein
UniProt Entry Name	DTBP1_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dtnbp1-antibody-western-blot-elisa/285322>