

Rabbit anti-Human, mouse Dtnbp1 Polyclonal Antibody | anti-Dtnbp1 antibody

Dtnbp1 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287546	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

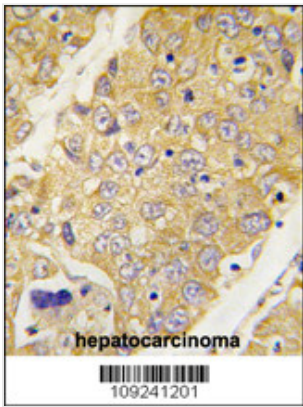
PRODUCT SYNONYMS

Dtnbp1; Polyclonal Antibody; Dtnbp1 Antibody (C-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 homolog; HPS7 protein homolog; Bloc1s8; Sdy; anti-Dtnbp1 antibody

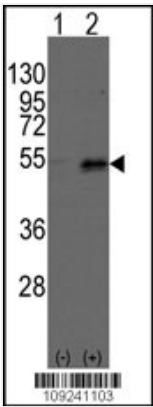
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Dtnbp1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 296-325 amino acids from the C-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: 0.47 (varies by lot)
Sequence Positions	296-325
Sequence Length	271
Applicable Applications for anti-Dtnbp1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	MOUSE
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.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with Dtnbp1 Antibody (C-term) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of Dtnbp1 (arrow) using rabbit polyclonal Dysbindin(Dtnbp1) Antibody (C-term).293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the Dtnbp1 gene (Lane 2) (Origene Technologies).

ADDITIONAL INFORMATION

Related Product Information for anti-Dtnbp1 antibody	Dtnp1 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 protein are associated with Hermansky-Pudlak syndrome type 7. This protein may also be associated with schizophrenia.
Product Categories/Family for anti-Dtnbp1 antibody	Neuroscience
References	Benson M.A.,J. Biol. Chem. 276:24232-24241(2001). Li W., Nat. Genet. 35:84-89(2003). Talbot K., Hum. Mol. Genet. 15:3041-3054(2006).

NCBI AND UNIPROT INFORMATION

NCBI GI #	15208633
NCBI GeneID	94245
NCBI Accession #	NP_080048.2
NCBI GenBank Nucleotide #	NM_025772.4
UniProt Accession #	Q91WZ8; Q3TWK1; Q6WXQ1; Q80ZN4; Q9CY43
Molecular Weight	39651
NCBI Official Full Name	dysbindin
NCBI Official Synonym Full Names	dystrobrevin binding protein 1
NCBI Official Symbol	Dtnbp1
NCBI Official Synonym Symbols	sdyl; Bloc1s8; AW048963; dysbindin; 5430437B18Rik
NCBI Protein Information	dysbindin
UniProt Protein Name	Dysbindin
UniProt Gene Name	Dtnbp1
UniProt Synonym Gene Names	Bloc1s8; Sdy; BLOC-1 subunit 8; HPS7 protein homolog

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-immunohistochemistry-western-blot-elisa/287546>