

Datasheet for ABIN389169
anti-DTNBP1 antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	DTNBP1
Binding Specificity:	AA 8-38, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DTNBP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This Dtnbp1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 8-38 amino acids from the N-terminal region of human Dtnbp1.
Clone:	RB9243
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.

Target Details

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

Target Details

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.

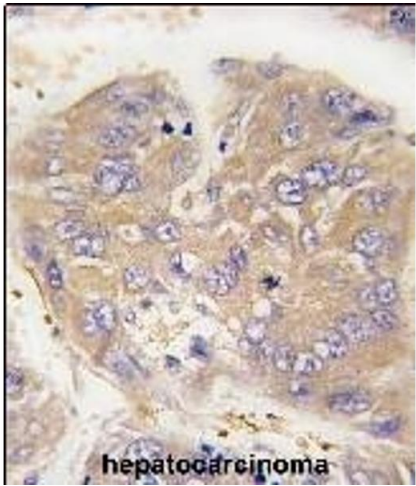
Molecular Weight:	39651
Gene ID:	94245
NCBI Accession:	NP_080048
UniProt:	Q91WZ8
Pathways:	Synaptic Membrane , Regulation of G-Protein Coupled Receptor Protein Signaling

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

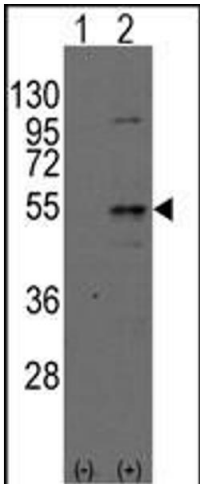
Handling

Format:	Liquid
Buffer:	Purified monoclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with Dtnbp1 Antibody (N-term) (ABIN389169 and ABIN2839335) , 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.



Western Blotting

Image 2. Western blot analysis of Dtnbpt (arrow) using rabbit polyclonal Dysbindin(Dtnbp1) Antibody (N-term) (ABIN389169 and ABIN2839335). 293 cell lysates (2 μ g/lane) either nontransfected (Lane 1) or transiently transfected with the Dtnbpt gene (Lane 2) (Origene Technologies).