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Datasheet for ABIN357846  
**anti-DTNBP1 antibody (C-Term)**

2 Images

### Overview

Quantity:	0.4 mL
Target:	DTNBP1
Binding Specificity:	C-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 C-terminal region of mouse Dtnbp1.
Isotype:	Ig Fraction
Specificity:	This antibody detects DTNBP1 (C-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 ( <a href="#">DTNBP1 Products</a> )
Background:	Dtnp1 may play a role in organelle biogenesis associated with melanosomes, platelet dense

## Target Details

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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. 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

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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

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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.

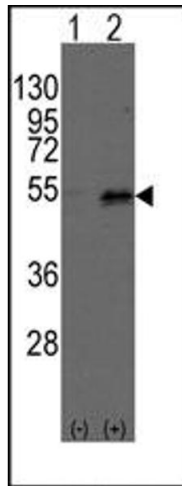


Image 1.

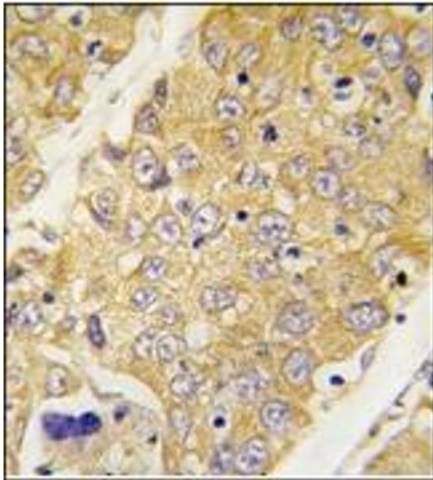


Image 2.