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# Datasheet for ABIN7305992 anti-DTNBP1 antibody

3 Images



#### Overview

Quantity:	100 µL
Target:	DTNBP1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DTNBP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

#### Product Details

Immunogen:	Recombinant full length protein of human Dysbindin 1
Specificity:	Recognizes endogenous levels of Dysbindin 1 protein.
Characteristics:	Rabbit polyclonal antibody to Dysbindin 1
Purification:	The antibody was purified by immunogen affinity chromatography.

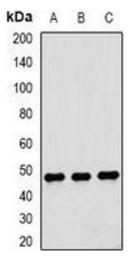
## Target Details

Target:	DTNBP1
Alternative Name:	Dysbindin 1 (DTNBP1 Products)
Background:	BLOC1S8, 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

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Target Details	
Gene ID:	84062, 94245, 641528
UniProt:	Q96EV8, Q91WZ8, Q5M834
Pathways:	Synaptic Membrane, Regulation of G-Protein Coupled Receptor Protein Signaling
Application Details	
Application Notes:	WB (1:500 - 1:2000), IH (1:50 - 1:200), IF/IC (1:50 - 1:200)
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % 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:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

#### Images

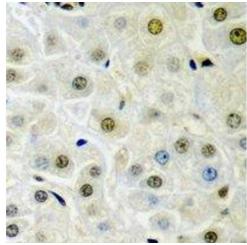


## Western Blotting

**Image 1.** Western blot analysis of Dysbindin 1 expression in Jurkat (A), HepG2 (B), MCF7 (C) whole cell lysates.

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#### Immunofluorescence

**Image 2.** Immunofluorescent analysis of Dysbindin 1 staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary ant

#### Immunohistochemistry

**Image 3.** Immunohistochemical analysis of Dysbindin 1 staining in rat liver formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with

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