

# DTNBP1 Rabbit Polyclonal Antibody



CAB1632

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

48kDa

### Calculated MW:

30kDa/34kDa/39kDa

### Applications:

WB IHC IF

### Reactivity:

Human, Mouse

## Protein Background

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.

## Immunogen information

### Gene ID:

84062

### Uniprot

Q96EV8

### Synonyms:

DTNBP1; BLOC1S8; DBND; HPS7; My031; SDY; dysbindin

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50  
- 1:100 IF 1:50 - 1:100

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

### Immunogen:

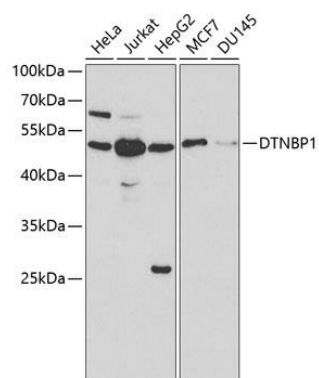
Recombinant fusion protein containing a sequence corresponding to amino acids 1-351 of human DTNBP1 (NP\_115498.2).

### Storage:

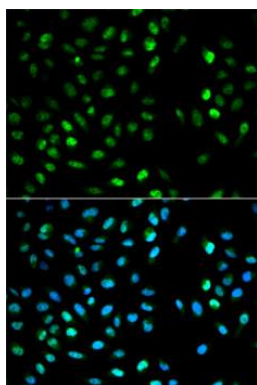
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Western blot analysis of extracts of various cell lines, using DTNBP1 antibody (CAB1632) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.



Immunofluorescence analysis of HeLa cells using DTNBP1 antibody (CAB1632). Blue: DAPI for nuclear staining.