

## Product datasheet for **AP51331PU-N**

### Dysbindin (DTNBP1) (N-term) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	<b>ELISA:</b> 1/1000. <b>Western Blot:</b> 1/100-1/500.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 9-38 amino acids from the N-terminal region of human Dysbindin.
Specificity:	This antibody recognizes Human Dysbindin (N-term).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	dystrobrevin binding protein 1
Database Link:	<a href="#">Entrez Gene 84062 Human Q96EV8</a>



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**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

**Synonyms:**

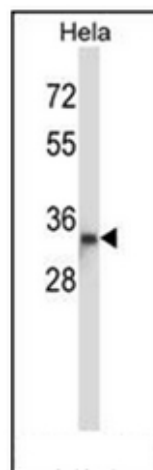
Dystrobrevin-binding protein 1, DTNBP1, My031, Hps7-like protein

**Note:**

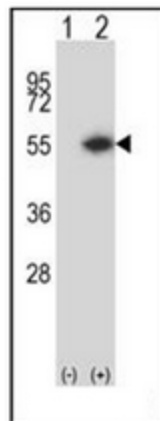
**Molecular Weight:** 39493 Da

**Protein Families:**

Druggable Genome

**Product images:**


Western blot analysis of Dysbindin Antibody (N-term) in HeLa cell line lysates (35ug/lane). This demonstrates the DTNBP1 antibody detected the DTNBP1 protein (arrow).



Western blot analysis of DTNBP1 (arrow) using Dysbindin Antibody (N-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the DTNBP1 gene.