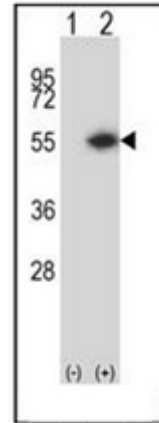


AP51331PU-N**Polyclonal Antibody to Dysbindin (N-term) - Aff - Purified**

Alternate names:	DTNBP1, Dystrobrevin-binding protein 1, Hermansky-Pudlak syndrome 7 protein homolog, Hps7-like protein, My031
Quantity:	0.4 ml
Concentration:	lot specific
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
Uniprot ID:	Q96EV8
NCBI:	NP_115498
GeneID:	84062
Host / Isotype:	Rabbit / Ig
Immunogen:	KLH conjugated synthetic peptide between 9-38 amino acids from the N-terminal region of human Dysbindin. Genename: DTNBP1
Format:	State: Liquid purified Ig fraction Purification: Affinity Chromatography on Protein A Buffer System: PBS containing 0.09% (W/V) Sodium Azide as preservative
Applications:	ELISA: 1/1000. Western Blot: 1/100-1/500. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognizes Human Dysbindin (N-term).
Add. Information:	Molecular Weight: 39493 Da
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Haukvik, U.K., et al. Prog. Neuropsychopharmacol. Biol. Psychiatry 34(7):1259-1265(2010). Voisey, J., et al. Eur. Psychiatry 25(6):314-319 (2010). Ruano, G., et al. Pharmacogenomics 11(7):959-971 (2010). Hashimoto, R., et al. Nihon Shinkei Seishin Yakurigaku Zasshi 30(3):103-107 (2010). Voisey, J., et al. Behav Brain Funct 6, 41 (2010).

Pictures:

Western blot analysis of DTNBP1 (arrow) using Dysbindin Antibody (N-term)
 Cat.-No AP51331PU-N. 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the DTNBP1 gene.



Western blot analysis of Dysbindin Antibody (N-term) Cat.-No AP51331PU-N in HeLa cell line lysates (35ug/lane). This demonstrates the DTNBP1 antibody detected the DTNBP1 protein (arrow).

