



Anti-DTNBP1 (aa 301-351) polyclonal antibody (DPABH-11756)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The BLOC-1 complex is required for normal biogenesis of lysosome-related organelles, such as platelet dense granules and melanosomes. Plays a role in intracellular vesicle trafficking. Plays a role in synaptic vesicle trafficking and in neurotransmitter release. May be required for normal dopamine homeostasis in the cerebral cortex, hippocampus, and hypothalamus. Plays a role in the regulation of cell surface exposure of DRD2. Contributes to the regulation of dopamine signaling. May play a role in actin cytoskeleton reorganization and neurite outgrowth. May modulate MAPK8 phosphorylation.
Immunogen	Synthetic peptide corresponding to a region within amino acids 301-351 of Human Dysbindin (NP_115498.2).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, IP
Format	Liquid
Size	100 µg
Buffer	Constituent: 99% Tris citrate/phosphateNote: pH 7 to 8
Preservative	0.09% Sodium Azide

Storage

Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	DTNBP1 dystrobrevin binding protein 2 [Homo sapiens]
Official Symbol	DTNBP1
Synonyms	DTNBP1; dystrobrevin binding protein 1; SDY; DBND; HPS7; My031; BLOC1S8; dysbindin; dysbindin-1; BLOC-1 subunit 8; Hermansky-Pudlak syndrome 7 protein; biogenesis of lysosomal organelles complex-1, subunit 8; biogenesis of lysosome-related organelles complex 1 subunit 8;
Entrez Gene ID	84062
Protein Refseq	NP_001258596.1
UniProt ID	Q96EV8
Pathway	Clathrin derived vesicle budding; Membrane Trafficking;
Function	protein binding;