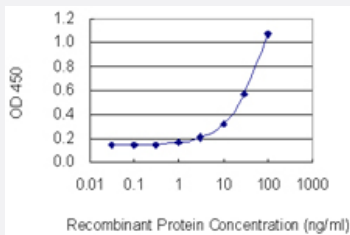


DTNBP1 monoclonal antibody (M02), clone 1B4

Catalog # H00084062-M02

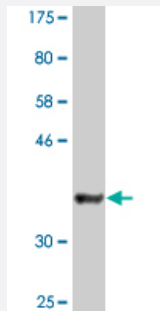
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DTNBP1 is 1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant DTNBP1.
Immunogen	DTNBP1 (AAH11912.1, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MLETLRERLLSVQQDFTSGLKTLSDKSREAKVKSKPRTVPFLPKYSAGLELLSRYEDTWAALHRR AKDCASAGELVDSEVVMLSAHWEKKKTSLEVELQEQ
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (92); Rat (91)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DTNBP1 is 1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — DTNBP1

Entrez GeneID	84062
GeneBank Accession#	BC011912
Protein Accession#	AAH11912.1
Gene Name	DTNBP1
Gene Alias	DBND, DKFZp564K192, FLJ30031, HPS7, MGC20210, My031, SDY
Gene Description	dystrobrevin binding protein 1
Omim ID	181500 203300 607145
Gene Ontology	Hyperlink

Gene Summary

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. [provided by RefSeq]

Other Designations

OTTHUMP00000016062|dysbindin

Disease

- [Amphetamine-Related Disorders](#)
- [Anoxia](#)
- [Anxiety Disorders](#)
- [Attention](#)
- [Bipolar Disorder](#)
- [Cognition](#)
- [Cognition Disorders](#)
- [Depressive Disorder](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Executive Function](#)
- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)
- [Intelligence Tests](#)
- [Memory](#)
- [Mental Disorders](#)
- [Mental Recall](#)
- [Neuropsychological Tests](#)
- [Neurotic Disorders](#)

- [Obstetric Labor Complications](#)
- [Personality Inventory](#)
- [Personality Tests](#)
- [Psychiatric Status Rating Scales](#)
- [Psychomotor Performance](#)
- [Psychoses](#)
- [Psychotic Disorders](#)
- [Reaction Time](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Schizotypal Personality Disorder](#)
- [Space Perception](#)
- [Stress Disorders](#)
- [Substance-Related Disorders](#)
- [Verbal Learning](#)
- [Visual Perception](#)
- [Wechsler Scales](#)