

DTNBP1 rabbit monoclonal antibody

Catalog # H00084062-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human DTNBP1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human DTNBP1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human DTNBP1 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — DTNBP1

Entrez GeneID [84062](#)

GeneBank Accession# [DTNBP1](#)

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](#)