

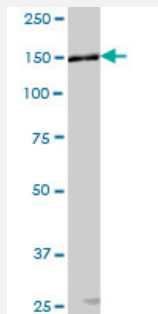
MaxPab®

AP3B1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00008546-B01P

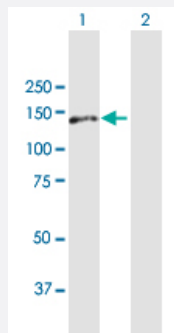
Size 50 ug

Applications



Western Blot (Tissue lysate)

AP3B1 MaxPab polyclonal antibody. Western Blot analysis of AP3B1 expression in human placenta.



Western Blot (Transfected lysate)

Western Blot analysis of AP3B1 expression in transfected 293T cell line ([H00008546-T01](#)) by AP3B1 MaxPab polyclonal antibody.

Lane 1: AP3B1 transfected lysate(120.34 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human AP3B1 protein.

Immunogen

AP3B1 (NP_003655.3, 1 a.a. ~ 1094 a.a) full-length human protein.

Sequence

MSSNSFPYNEQSGGGEATELGQEATSTISPSGAFGLFSSDLKKNEDLKQMLESNKDSAKLDAMK
RIVGMAKGKNASELFAVVKNVASKNIEKKLVVYLVRYAEEQQDLALLSISTFQRALKDPNQIR
ASALRVLSSIRVPIVPIIMMLAIKEASADLSPYVRKNAAHAIQKLYSLDPEQKEMLIEVIEKLLKDKSTL
VAGSVVMAFEEVCPDRIDLHKNYRKLCNLLVDVEEWGQVVIIHMLTRYARTQFVSPWKEGDELE
DNGKNFYESDDDQKEKTDKKKKPYTMDPDHRLIRNTKPLLQSRNAAVVMVAQLYWHISPKSE
AGISKSLVRLLRSNREVQYVLQNIATMSIQRKGMFEPYLSFYVRSTDPTMIKTLKLEILTNLANEAN
ISTLLREFQTYVKSQDKQFAAATIQTIGRCATNILEVTDTCNLGLVCLLSNRDEIVAESVVIKLLQ
MQPAQHGEIHKHMAKLLDSITVPVARASILWIGENCERVPKIAPDVLVRKMAKSFTSEDDLVKLQILN
LGAKLYLTNSKQTKLLTQYILNLGKYDQNYDIRDRTRFIRQLVPMNVKSGALSKYAKKIFLAQKPAPLL
ESPFKDRDHFQLGTLSTLNIKATGYLELSNWPEVAPDPSVRNVEVIELAKEWTPAGKAKQENSA
KKFYSESEEEEESSDSSSDSESESGSESGEQQGESGEEGDSNEDSSSEDSSSEQDSESGRESG
LENKRTAKRNSKAKGKSDSEGEKENEKSKTSDSSNDESSSIEDSSSDSESESEPESESESRR
VTKEKEKTKQDRTPLTkdVSLDLDDFNPVSTPVALPTPALSPSLMADLEGLHLSTSSSVISVST
PAFVPTKTHVLLHRMSGKGLAAHYFFPRQPCIFGDKMVSQITLNNTTDRKIENIHIGEKKLPIGMKM
HVFNPIDSLEPEGSITVSMGIDFCDSTQTASFQLCTKDDCFNVNIQPPVGELLPLVAMSEKDFKKE
QGVLTGMNETSAVIAAPQNFTPSVIFQKVNVANVGAVPSGQDNIHRFAAKTVHSGSLMLVTVEL
KEGSTAQLIINTEKTVIGSVLLRELKPVLSQG

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (86)

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

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Western Blot analysis of AP3B1 expression in transfected 293T cell line ([H00008546-T01](#)) by AP3B1 MaxPab polyclonal antibody.

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Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — AP3B1

Entrez GeneID [8546](#)

GeneBank Accession# [NM_003664](#)

Protein Accession# [NP_003655.3](#)

Gene Name AP3B1

Gene Alias ADTB3, ADTB3A, HPS, HPS2, PE

Gene Description adaptor-related protein complex 3, beta 1 subunit

Omim ID [603401](#) [608233](#)

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. The encoded protein is part of the heterotetrameric AP-3 protein complex which interacts with the scaffolding protein clathrin. Mutations in this gene are associated with Hermansky-Pudlak syndrome type 2. [provided by RefSeq]

Other Designations AP-3 complex beta-3A subunit|beta3A-adaptin

Publication Reference

- [Widespread Post-transcriptional Attenuation of Genomic Copy-Number Variation in Cancer.](#)

Gonçalves E, Fragoulis A, Garcia-Alonso L, Cramer T, Saez-Rodriguez J, Beltrao P.

Cell Systems 2017 Oct; 5(4):386.

Application: WB-Ce, Human, HEK 293T cells

Pathway

- [Lysosome](#)

Disease

- [Brain Ischemia](#)

- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Malignant melanoma](#)
- [Melanoma](#)
- [Myocardial Infarction](#)
- [Schizophrenia](#)
- [Skin Neoplasms](#)
- [Stroke](#)
- [Tobacco Use Disorder](#)