

Rabbit anti-Human, Mouse DOPEY2 Polyclonal Antibody | anti-DOPEY2 antibody

DOPEY2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311870	Rabbit	Human, Mouse	Flow Cytometry, Functional Assay, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

DOPEY2; Polyclonal Antibody; DOPEY2 Antibody; Dipeptidase 2 antibody; Dipeptidase2 antibody; DPEP 2 antibody; MBD 2 antibody; MBD2 antibody; anti-DOPEY2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Immunogen affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-DOPEY2 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Peptide
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



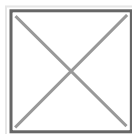
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of N2A cells with Dopey-2 antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black).Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.



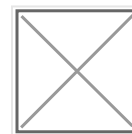
ICC (Immunocytochemistry)

ICC staining Dopey-2 in D3 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



IHC (Immunohistochemistry)

Immunohistochemical analysis of formalin-fixed, paraffin-embedded mouse brain tissue labeling Dopey-2. Counterstained with Hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of formalin-fixed, paraffin-embedded mouse heart tissue labeling Dopey-2. Counterstained with Hematoxylin.



WB (Western Blot)

Western blot analysis of Dopey-2 on mouse heart (1) and human heart (2) tissue lysate using anti-Dopey-2 antibody at 1/500 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-DOPEY2 antibody	Dopey-2, a 2, 298 amino acid protein, belongs to the dopey family, that is overexpressed in lymphoblasts from Down syndrome patients and Abundantly expressed in developing central nervous system, with highest levels in cerebellum and lowest in telencephalon. Multiple isoforms of Dopey-2 exist due to alternative splicing events. Dopey-2 is thought to play a role in protein trafficking between early endosomes and the late.
Product Categories/Family for anti-DOPEY2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	1002819314
NCBI GeneID	9980
NCBI Accession #	NP_001307643.1
NCBI GenBank Nucleotide #	NM_001320714.1
UniProt Accession #	Q9Y3R5; Q6PJQ7; Q9UEZ3; D3DSG5
Molecular Weight	260kDa
NCBI Official Full Name	protein dopey-2
NCBI Official Synonym Full Names	dopey family member 2
NCBI Official Symbol	DOPEY2
NCBI Official Synonym Symbols	21orf5; C21orf5
NCBI Protein Information	protein dopey-2
UniProt Protein Name	Protein dopey-2
UniProt Gene Name	DOPEY2
UniProt Synonym Gene Names	C21orf5; KIAA0933

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dopey2-antibody-flow-cytometry-immunohistochemistry-immunocytochemistry-western-blot-elisa/311870>