

DOPEY2 Polyclonal Antibody | anti-DOPEY2 antibody

DOPEY2 Antibody

CATALOG #
AAA110927

APPLICATIONS
Western Blot

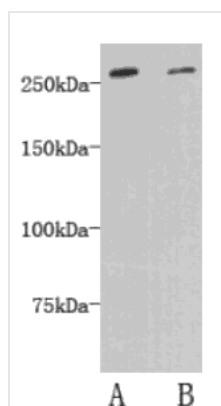
PRODUCT SYNONYMS

DOPEY2; Polyclonal Antibody; DOPEY2 Antibody; anti-DOPEY2 antibody

PRODUCT SPECIFICATIONS

Clonality	Polyclonal
Specificity	This antibody is produced by immunizing rabbits with a synthetic peptide (KLH-coupled) corresponding to DOPEY2.
Purity/Purification	Immunogen affinity purified
Form/Format	Liquid; 1*TBS (pH7.4), 0.5%BSA, 25% Glycerol. Preservative: 0.05% Sodium Azide.
Concentration	3.38 mg/ml (varies by lot)
Sequence Length	2298
Applicable Applications for anti-DOPEY2 antibody	WB (Western Blot)
Cross Reactivity	Human, Mouse
Cellular Localization	Cell Membrane
Positive Control	Human Heart/Mouse Heart
Preparation and Storage	Store at +4 degree C after thawing. Aliquot store at -20 degree C or -80 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis on human heart (A) and mouse heart (B) cell lysates using anti-DOPEY2 polyclonal antibody.

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.
References	1. "C21orf5, a novel human chromosome 21 gene, has a Caenorhabditis elegans ortholog (pad-1) required for embryonic patterning."Guipponi M., Brunschwig K., Chamoun Z., Scott H.S., Shibuya K., Kudoh J., Delezoide A.-L., El Samadi S., Chettouh Z., Rossier C., Shimizu N., Mueller F., Delabar J.-M., Antonarakis S.E. Genomics 68:30-40(2000)" 2. "The differentially expressed C21orf5 gene in the medial temporal-lobe system could play a role in mental retardation in Down syndrome and transgenic mice." Lopes C., Chettouh Z., Delabar J.-M., Rachidi M. Biochem. Biophys. Res. Commun. 305:915-924(2003).

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.