DNAxPAb | Hard-to-Find Antibody

OPHN1 DNAxPab

Catalog # H00004983-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human OPHN1 DNA using DNAx™ Immune te chnology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MGHPPLEFSDCYLDSPDFRERLKCYEQELERTNKFIKDVIKDGNALISAMRNYSSAVQKFSQTLQ SFQFDFIGDTLTDDEINIAESFKEFAELLNEVENERMMMVHNASDLLIKPLENFRKEQIGFTKERKK KFEKDGERFYSLLDRHLHLSSKKKESQLQEADLQVDKERHNFFESSLDYVYQIQEVQESKKFNIV EPVLAFLHSLFISNSLTVELTQDFLPYKQQLQLSLQNTRNHFSSTREEMEELKKRMKEAPQTCKLP GQPTIEGYLYTQEKWALGISWVKYYCQYEKETKTLTMTPMEQKPGAKQGPLDLTLKYCVRRKTESI DKRFCFDIETNERPGTITLQALSEANRRLWMEAMDGKEPIYHSPITKQQEMELNEVGFKFVRKCINII ETKGIKTEGLYRTVGSNIQVQKLLNAFFDPKCPGDVDFHNSDWDIKTITSSLKFYLRNLSEPVMTYR LHKELVSAAKSDNLDYRLGAIHSLVYKLPEKNREMLELLIRHLVNVCEHSKENLMTPSNMGVIFGP TLMRAQEDTVAAMMNIKFQNIVVEILIEHFGKIYLGPPEESAAPPVPPPRVTARRHKPITISKRLLRER TVFYTSSLDESEDEIQHQTPNGTITSSIEPPKPPQHPKLPIQRSGETDPGRKSPSRPILDGKLEPCP EVDVGKLVSRLQDGGTKITPKATNGPMPGSGPTKTPSFHIKRPAPRPLAHHKEGDADSFSKVRP PGEKPTIIRPPVRPPDPPCRAATPQKPEPKPDIVAGNAGEITSSVVASRTRFFETASRKTGSSQGR LPGDES
Host	Rabbit
Reactivity	Human
Purification	Protein A
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.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — OPHN1

Entrez GeneID	4983
GeneBank Accession#	NM_002547.1
Protein Accession#	NP_002538.1
Gene Name	OPHN1
Gene Alias	MRX60, OPN1
Gene Description	oligophrenin 1
Omim ID	300127 300486
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a Rho-GTPase-activating protein that promotes GTP hydrolysis of Rho subfa mily members. Rho proteins are important mediators of intracellular signal transduction, which aff ects cell migration and cell morphogenesis. Mutations in this gene are responsible for OPHN1-rel ated X-linked mental retardation with cerebellar hypoplasia and distinctive facial dysmorhphism. [provided by RefSeq
Other Designations	OTTHUMP00000023451|mental retardation, X-linked 60|oligophrenin-1, Rho-GTPase activating protein

Disease

- Angina Pectoris
- Cerebellar Diseases
- Coronary Vasospasm
- Facial Asymmetry
- Genetic Predisposition to Disease

- Mental Retardation
- Nervous System Malformations