abcam

Product datasheet

Recombinant Human KIAA1279 protein ab161903

1 References 1 Image

Description

Product name	Recombinant Human KIAA1279 protein
Expression system	Wheat germ
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MANVPWAEVCEKFQAALALSRVELHKNPEKEPYKSKYS ARALLEEVKALL GPAPEDEDERPEAEDGPGAGDHALGLPAEVVEPEGPVA QRAVRLAVIEFH LGVNHIDTEELSAGEEHLVKCLRLLRRYRLSHDCISLCIQA QNNLGILWS EREEIETAQAYLESSEALYNQYMKEVGSPPLDPTERFLPE EEKLTEQERS KRFEKVYTHNLYYLAQVYQHLEMFEKAAHYCHSTLKRQLE HNAYHPIEWA INAATLSQFYINKLCFMEARHCLSAANVIFGQTGKISATEDT PEAEGEVP ELYHQRKGEIARCWIKYCLTLMQNAQLSMQDNIGELDLDK QSELRALRKK ELDEEESIRKKAVQFGTGELCDAISAVEEKVSYLRPLDFE EARELFLLGQ HYVFEAKEFFQIDGYVTDHIEVVQDHSALFKVLAFFETDM ERRCKMHKRR IAMLEPLTVDLNPQYYLLVNRQIQFEIAHAYYDMMDLKVAIA DRLRDPDS HIVKKINNLNKSALKYYQLFLDSLRDPNKVFPEHIGEDVLRP AMLAKFRV ARLYGKIITADPKKELENLATSLEHYKFIVDYCEKHPEAAQE IEVELELS KEMVSLLPTKMERFRTKMALT
Amino acids	1 to 621
Tags	GST tag N-Terminus

Specifications

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Our **Abpromise guarantee** covers the use of **ab161903** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Western blot ELISA
Form	Liquid
Additional notes	

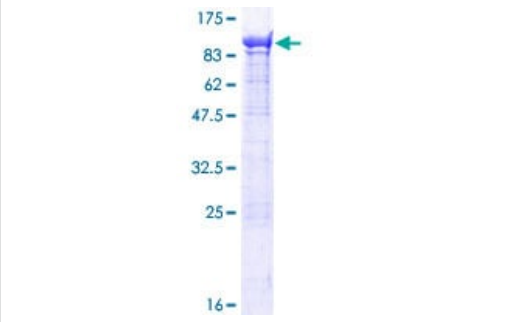
Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80ºC. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl

General Info

Function	Required for organization of axonal microtubules, and axonal outgrowth and maintenance during peripheral and central nervous system development. Regulates mitochondrial transport by modulating KIF1B motor activity.
Tissue specificity	Highly expressed in heart, brain, ovary, testis, spinal cord and all specific brain regions examined. Moderate expressed at intermediate level in all other adult tissues examined, as well as in fetal liver and brain. Not expressed in blood leukocytes.
Involvement in disease	Defects in KIAA1279 are the cause of Goldberg-Shprintzen megacolon syndrome (GOSHS) [MIM:609460]. GOSHS is characterized by microcephaly, mental retardation and facial dysmorphism, as well as phenotypes related to Hirschsprung disease syndrome.
Sequence similarities	Belongs to the KIF1-binding protein family.
Cellular localization	Mitochondrion.

Images



SDS-PAGE - Recombinant Human KIAA1279 protein (ab161903)

ab161903 on a 12.5% SDS-PAGE stained with Coomassie Blue.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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