

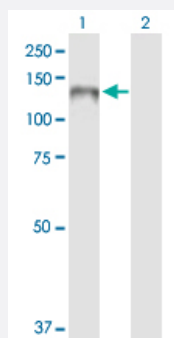
MaxPab®

PLEKHG4 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00025894-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of PLEKHG4 expression in transfected 293T cell line ([H00025894-T02](#)) by PLEKHG4 MaxPab polyclonal antibody.

Lane 1: PLEKHG4 transfected lysate(126.20 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human PLEKHG4 protein.

Immunogen

PLEKHG4 (AAH82974.1, 1 a.a. ~ 1151 a.a) full-length human protein.

Sequence

MHVKDPGPPRPPAGATQDEELQGSPLSRKFQLPPAADESGDAQRGTVESSSVLSEGPGPSGV
ESLLCPMSSHLSLAQGESDTPGVGLVGDPPSRAMPSGLSPGALDSDPVGLGDPLSEISKLLLEA
APSGSGLPKPADCLLAQDLCWELLASGMATLPGTRDVQGRAVLLCAHSPAWLQSECSSQELI
RLLLYLRSIPRPEVQALGLTVLVDARICAPSSSLFSGLSQLQEAAPGAVYQVLLVGSTLLKEVPSG
LQLEQLPSQSLLTHIPTAGLPTSLGGGLPYCHQAWLDFRRRLEALLQNCQAACALLQGAIESVKA
VPQPMEPGEVGQLLQQTEVLMQQVLDSPWLAWLQCQGGRELTWLKQEVPEVTLSPDYRTAMD
KADEL YDRVDGLLHQLTLQSNQRIQALELVQTL EARESGLHQIEVWLQQVGWPALEEAGEPSLD
MLLQAQGSFQELYQVAQEQRQGEKFLQPLTGWEAAELDPPGARFLALRAQLTEFSRALAQRC
QRLADAERLFQLFREALTWAEEGQRVLAEELEQERPGVVLLQQLQLHWTRHPDLPPAHFRKMWAL
ATGLGSEAIRQECRWAWARCQDTWLALDQKLEASLKLPPVGSTASLCVSVQVPAAPAHPLRKA
YSFDRNLGQSLSEPAACHCHHAATIAACRRPEAGGGALPQASPTVPPPGSSDPRSLNRLQLVLAE
MVATEREYVRALEYTMENYFPELDRPDVPQGLRGQRAHLFGNLEKLRDFHCHFFLRELEACTRH
PPRVAYAFLRHRVQFGMYALYSKNKPRSDALMSSYGHTFFKDKQQALGDHLDLASYLLKPIQRM
GKYALLLQELARACGGPTQELSALREAQSLVHFQLRHGNDLLAMDAIQGCDVNLKEQGQLVRQD
EFVVRTGRHKSVRRIFLFEELLLFSKPRHGPTGVDTFAYKRSFKMADLGLTECCGNSNLRFEIWF
RRRKARDTFVLQASSLAIKQAWTADISHLLWRQAVHNKEVRMAEMVSMGVGNKAFRDIAPSEEA
NDRTVNYVLKCREVRSRASIAPFDHDSL YLGASNSLPGDPASCSVLGSLNLHLYRDPALLGLR
CPLYPSFPEEAALAEAEELGGQPSLTAEDSEISSQCPSASGSSGSDSSCVSGQALGRGLEDLP
CV

Host

Rabbit

Reactivity

Human

Interspecies Antigen Sequence

Mouse (75)

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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Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — PLEKHG4

Entrez GeneID

[25894](#)

GeneBank Accession#	BC082974.1
Protein Accession#	AAH82974.1
Gene Name	PLEKHG4
Gene Alias	DKFZp434I216, PRTPHN1, SCA4
Gene Description	pleckstrin homology domain containing, family G (with RhoGef domain) member 4
Omim ID	117210 600223 609526
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene contains multiple domains suggestive of a role in intracellular signaling and cytoskeleton dynamics at the Golgi apparatus. Mutations in this gene are associated with spinocerebellar ataxia 16q22-linked. Several alternatively spliced transcript variants, differing only in the 5' UTR, or encoding a different isoform, have been found for this gene. [provided by RefSeq]
Other Designations	Purkinje cell atrophy associated protein 1 puratrophin-1

Disease

- [Cerebellar Ataxia](#)
- [Spinocerebellar ataxia](#)
- [Spinocerebellar Ataxias](#)