

Datasheet for ABIN7269416
anti-PLEKHG4 antibody (AA 710-1010)



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1 Image

Overview

Quantity:	100 µL
Target:	PLEKHG4
Binding Specificity:	AA 710-1010
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PLEKHG4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	PLEKHG4 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 710-1010 of human PLEKHG4 (NP_001123199.1).
Sequence:	GALPQASPTV PPPGSSDPRS LNRLQLVLAE MVATEREYVR ALEYTMENYF PELDRPDVPQ GLRGQRAHLF GNLEKLRDFH CHFFLRELEA CTRHPPRVAY AFLRHRVQFG MYALYSKNKP RSDALMSSYG HTFFKDKQQA LGDHLDLASY LLKPIQRMGK YALLLQELAR ACGGPTQELS ALREAQSLVH FQLRHGNDLL AMDAIQGCDV NLKEQGQLVR QDEFVVRTGR HKSVRRIFLF EELLFFSKPR HGPTGVDTFA YKRSFKMADL GLTECCGNSN LRFEIWFRRR KARDTFVLQA S
Isotype:	IgG
Cross-Reactivity:	Rat
Characteristics:	Polyclonal Antibodies

Product Details

Purification: Affinity purification

Target Details

Target: PLEKHG4

Alternative Name: PLEKHG4 ([PLEKHG4 Products](#))

Background: The protein encoded by this gene can function as a guanine nucleotide exchange factor (GEF) and may play a role in intracellular signaling and cytoskeleton dynamics at the Golgi apparatus. Polymorphisms in the region of this gene have been found to be associated with spinocerebellar ataxia in some study populations. Alternative splicing results in multiple transcript variants.,PLEKHG4,ARHGEF44,PRTPHN1,SCA4,Neuroscience,Neurodegenerative Diseases,PLEKHG4

Molecular Weight: 20kDa/122kDa/130kDa

Gene ID: 25894

UniProt: [Q58EX7](#)

Application Details

Application Notes: WB,1:500 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

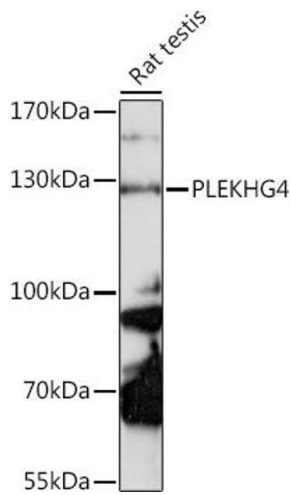
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of rat testis, using PLEKHG4 antibody (ABIN7269416) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 90s.