

CHN1 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AW5536

Product Information

Application	WB
Primary Accession	P15882
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	53172
Isotype	Rabbit IgG
Antigen Source	HUMAN

Additional Information

Gene ID	1123
Antigen Region	1-30
Other Names	N-chimaerin, A-chimaerin, Alpha-chimerin, N-chimerin, NC, Rho GTPase-activating protein 2, CHN1, ARHGAP2, CHN
Dilution	WB~~1:1000
Target/Specificity	This CHN1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human CHN1.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	CHN1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	CHN1
Synonyms	ARHGAP2, CHN
Function	GTPase-activating protein for p21-rac and a phorbol ester receptor. Involved

in the assembly of neuronal locomotor circuits as a direct effector of EPHA4 in axon guidance.

Tissue Location

In neurons in brain regions that are involved in learning and memory processes

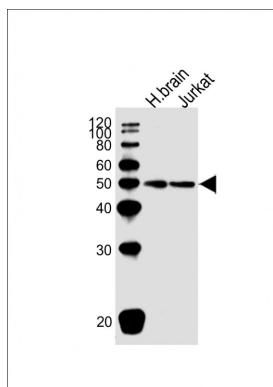
Background

This gene encodes GTPase-activating protein for p21-rac and a phorbol ester receptor. It plays an important role in ocular motor axon pathfinding. Heterozygous missense mutations in this gene cause Duane's retraction syndrome 2 (DURS2). Multiple transcript variants encoding different isoforms have been found for this gene.

References

Volk, A.E., et al. Graefes Arch. Clin. Exp. Ophthalmol. 248(9):1351-1357(2010)
Dick, D.M., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 153B (6), 1179-1188 (2010) :
Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
Miyake, N., et al. Am. J. Med. Genet. A 152A (1), 215-217 (2010) :
Murillo-Correa, C.E., et al. J AAPOS 13(3):245-248(2009)

Images



All lanes : Anti-CHN1 Antibody (N-term) at 1:1000 dilution
Lane 1: human brain lysate Lane 2: Jurkat whole cell lysate
Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 53 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.