

Datasheet for ABIN950491
anti-CHN2 antibody (Middle Region)[Go to Product page](#)

2 Images

Overview

Quantity:	0.4 mL
Target:	CHN2
Binding Specificity:	AA 162-192, Middle Region
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHN2 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Synthetic peptide - KLH conjugated - corresponding to the central region (between 162-192aa) of human CHN2.
Isotype:	Ig Fraction
Specificity:	This antibody detects ARHGAP3/CHN2.
Cross-Reactivity (Details):	Species reactivity (tested):Human, Mouse
Purification:	Purified through a protein A column; followed by peptide affinity purification.

Target Details

Target:	CHN2
Alternative Name:	ARHGAP3 / CHN2 (CHN2 Products)

Target Details

Background:	The CHN2 gene is a member of the chimerin family and encodes a protein with a phorbol-ester/DAG-type zinc finger, a Rho-GAP domain and an SH2 domain. This protein has GTPase-activating protein activity that is regulated by phospholipid binding and binding of diacylglycerol (DAG) induces translocation of the protein from the cytosol to the Golgi apparatus membrane. The protein plays a role in the proliferation and migration of smooth muscle cells. Decreased expression of this gene is associated with high-grade gliomas and breast tumors, and increased expression of this gene is associated with lymphomas. Mutations in this gene have been associated with schizophrenia in men. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. Synonyms: BCH, Beta-chimaerin, Beta-chimerin, Rho GTPase-activating protein 3
Gene ID:	1124
NCBI Accession:	NP_001035025

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) Sodium Azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of CHN2 (arrow) in HeLa cell line lysates (35ug/lane) using ARHGAP3/CHN2

Western Blotting

Image 2. Western blot analysis of CHN2 (arrow) in mouse liver tissue lysates (35ug/lane) using ARHGAP3/CHN2