ARG64885
anti-CHN2 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes CHN2
Tested Reactivity	Hu
Predict Reactivity	Ms, Cow, Dog
Tested Application	IHC-P
Specificity	This antibody is expected to recognize both reported isoforms (NP_004058.1; NP_001035025.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	CHN2
Species	Human
Immunogen	C-QILIENEDVLF
Conjugation	Un-conjugated
Alternate Names	CHN2-3; BCH; Rho GTPase-activating protein 3; RHOGAP3; Beta-chimerin; Beta-chimaerin; ARHGAP3

Application Instructions

Application table

Application	Dilution
IHC-P	3 - 6 µg/ml

Application Note: IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0).
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

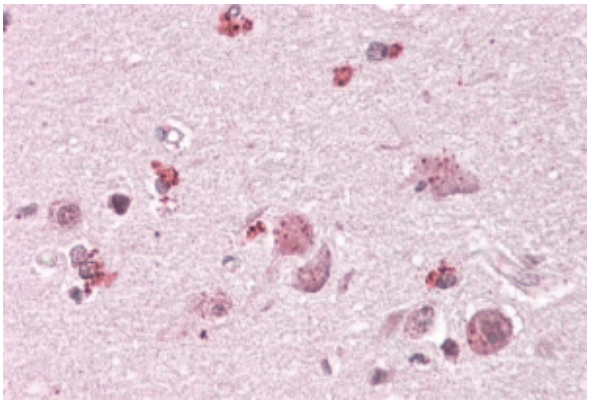
Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 1124 Human Swiss-port # P52757 Human
Background	This 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. [provided by RefSeq, Jul 2008]
Research Area	Signaling Transduction antibody
Calculated Mw	54 kDa

Images



ARG64885 anti-CHN2 antibody IHC-P image

Immunohistochemistry: paraffin embedded Human Cortex. (Steamed antigen retrieval with citrate buffer pH 6) stained with ARG64885 anti-CHN2 antibody at 3.8 µg/ml dilution followed by AP-staining.