

CHN2 Antibody (C-Term)
Peptide-affinity purified goat antibody
Catalog # AF2247a**Specification**

CHN2 Antibody (C-Term) - Product Information

Application	IHC, E
Primary Accession	P52757
Other Accession	NP_001035025.1 , NP_004058.1 , 1124
Reactivity	Human
Predicted	Mouse, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	53924

CHN2 Antibody (C-Term) - Additional Information**Gene ID** 1124**Other Names**

Beta-chimaerin, Beta-chimerin, Rho GTPase-activating protein 3, CHN2, ARHGAP3, BCH

Dilution

IHC~~1:100~500

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

CHN2 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

CHN2 Antibody (C-Term) - Protein Information**Name** CHN2**Synonyms** ARHGAP3, BCH**Function**

GTPase-activating protein for p21-rac. Insufficient expression of beta-2 chimaerin is expected to

lead to higher Rac activity and could therefore play a role in the progression from low- grade to high-grade tumors.

Cellular Location

Membrane; Peripheral membrane protein

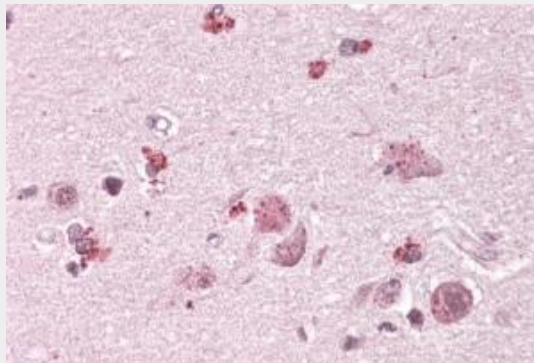
Tissue Location

Highest levels in the brain and pancreas. Also expressed in the heart, placenta, and weakly in the kidney and liver Expression is much reduced in the malignant gliomas, compared to normal brain or low-grade astrocytomas

CHN2 Antibody (C-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CHN2 Antibody (C-Term) - Images

AF2247a (3.8 µg/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

CHN2 Antibody (C-Term) - Background

This antibody is expected to recognize both reported isoforms (NP_004058.1; NP_001035025.1).

CHN2 Antibody (C-Term) - References

T cell receptor-dependent tyrosine phosphorylation of beta2-chimaerin modulates its Rac-GAP function in T cells. Siliceo, M. and Merida, I. J. Biol. Chem. 284 (17), 11354-11363 (2009). PMID: 19201754