

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

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**CHN2 Antibody (C-Term) - Product Information**

Application	IHC
Primary Accession	<a href="#">P52757</a>
Other Accession	<a href="#">NP_001035025.1</a> , <a href="#">NP_004058.1</a> , <a href="#">1124</a>
Reactivity	Human
Predicted	Mouse, Dog, Cow
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

**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**

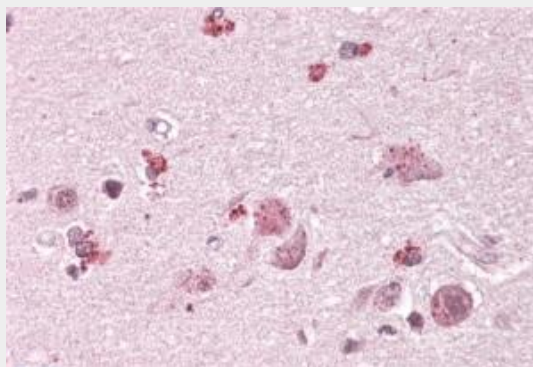
Highest levels in the brain and pancreas. Also expressed in the heart, placenta, and weakly in the kidney and liver Expression is much reduced in the malignant gliomas, compared to normal brain or low-grade astrocytomas

#### **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