



## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB05207 - Goat Anti-CHN2 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** CHN2, chimerin (chimaerin) 2, ARHGAP3, RHOGAP3, RhoGAP3, beta chimerin, Chimerin 2 (GTPase-activating protein, rho, 3), BCH, MGC138360, rho-GTPase-activating protein 3

**Official Symbol:** CHN2

**Accession Number(s):** NP\_001035025.1; NP\_004058.1

**Human GeneID(s):** [1124](#)

**Important Comments:** This antibody is expected to recognize both reported isoforms (NP\_004058.1; NP\_001035025.1).

### Immunogen

Peptide with sequence C-QILIENEDVLF, from the C Terminus of the protein sequence according to NP\_001035025.1; NP\_004058.1.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

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

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:8000.

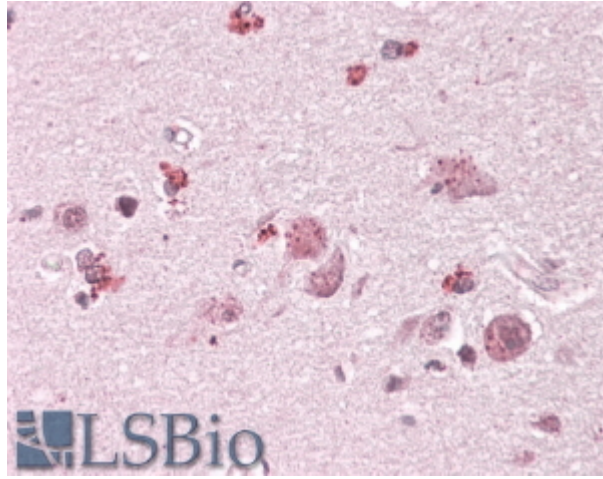
**Western blot:** Preliminary experiments in Human Brain (Cerebellum and Frontal Cortex) lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

**IHC:** In paraffin embedded Human Cortex shows staining of neuronal bodies. Recommended concentration, 3-6µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Dog, Cow



EB05207 (3.8 $\mu$ g/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.