

## UK Office

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

## EB08181 - Goat Anti-ARNO / cytohesin 2 Antibody

Size: 100µg specific antibody in 200µl

### Target Protein

**Principal Names:** ARNO, cytohesin 2, pleckstrin homology, Sec7 and coiled-coil domains 2 (cytohesin-2), CTS18, CTS18.1, PSCD2L, SEC7L, Sec7p-L, Sec7p-like, ARF exchange factor, ARF nucleotide-binding site opener, pleckstrin homology, Sec7 and coiled-coil domains 2-like

**Official Symbol:** CYTH2

**Accession Number(s):** NP\_004219.2; NP\_059431.1

**Human GeneID(s):** [9266](#)

**Non-Human GeneID(s):** 19158 (mouse), 116692 (rat)

**Important Comments:** This antibody is expected to recognise both reported isoforms (NP\_004219.2; NP\_059431.1).

### Immunogen

Peptide with sequence EDGVYEPDLTP-C, from the N Terminus of the protein sequence according to NP\_004219.2; NP\_059431.1.

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 1:32000.

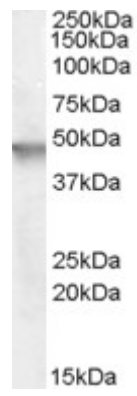
**Western blot:** Approx 48kDa band observed in Human Brain (Cerebellum) lysates (calculated MW of 46.5kDa according to NP\_004219.2 and NP\_059431.1).

Recommended concentration: 0.5-1.5µg/ml.

### Species Reactivity

**Tested:** Human

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



EB08181 (0.5 $\mu$ g/ml) staining of Human Brain (Cerebellum) lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.