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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 EDGVYEPPDLTP-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 (0.5µg/ml) staining of Human Brain (Cerebellum) lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.