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Research Use Only. Not for diagnostic or therapeutic use.

EB12273 - Goat Anti-contactin 1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: CNTN1, contactin 1, F3, GP135, contactin-1, glycoprotein gP135,

neural cell surface protein F3

Official Symbol: CNTN1

Accession Number(s): NP_001834.2; NP_778203.1; NP_001242992.1

Human GeneID(s): 1272

Non-Human GeneID(s): 12805 (mouse), 117258 (rat)

Important Comments: This antibody is expected to recognize all reported isoforms (NP_001834.2; NP_778203.1; NP_001242992.1). Reported variants represent identical

protein: NP_001242993.1, NP_001242992.1.

Immunogen

Peptide with sequence C-ENIRGKDKHQAR, from the internal region of the protein sequence according to NP_001834.2; NP_778203.1; NP_001242992.1.

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.

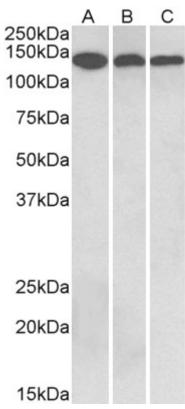
Western blot: Approx 140kDa band observed in Human, Mouse, Rat and Pig Brain lysates (calculated MW of 113kDa according to NP_001834.2). The observed molecular weight corresponds to the glycosylated form. Recommended concentration: 0.3-1μg/ml. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Brain (Cerebellum). Recommended concentration: 5µg/ml.

Species Reactivity

Tested: Human, Mouse, Rat, Pig

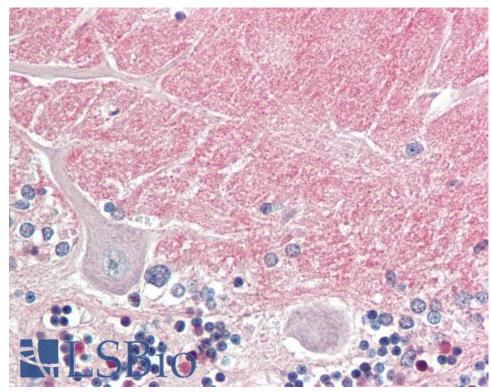
Expected from sequence similarity: Human, Mouse, Rat, Pig



EB12273 (0.3μg/ml) staining of Human Cerebellum (A), Mouse Brain (B) and Rat Brain (C) lysates (35μg protein in RIPA buffer). Detected by chemiluminescence.



EB12273 (0.3µg/ml) staining of Pig Brain lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB12273 ($5\mu g/ml$) staining of paraffin embedded Human Cerebellum. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.