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Research Use Only. Not for diagnostic or therapeutic use.

EB09679 - Goat Anti-GAL Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: GAL, galanin prepropeptide, GALN, GLNN, GMAP, MGC40167,

galanin, galanin-message-associated peptide, galanin-related peptide

Official Symbol: GAL

Accession Number(s): NP_057057.2

Human GeneID(s): 51083

Non-Human GenelD(s): 14419 (mouse), 29141 (rat)

Immunogen

Peptide with sequence C-HRSFSDKNGLTSK, from the internal region of the protein sequence according to NP_057057.2.

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 1:64000.

Western blot: Approx 16kDa band observed in Human Cerebellum lysates and approx. 15kDa in preliminary testing of Rat Brain lysate (calculated MW of 13.3kDa according to NP_057057.2). Recommended concentration: 1-2μg/ml. Primary incubation 1 hour at room temperature.

Species Reactivity

Tested: Human

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

Specific Reference

This antibody (previous batch) has been successfully used in IHC on Human:

Skrapits K, Borsay BÁ, Herczeg L, Ciofi P, Liposits Z, Hrabovszky E.

Neuropeptide co-expression in hypothalamic kisspeptin neurons of laboratory animals and the human.

Front Neurosci. 2015 Feb 10;9:29.

PMID: 25713511

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB09679 (1μg/ml) staining of Human Cerebellum lysate (35μg protein in RIPA buffer). Detected by chemiluminescence.