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

EB07255-T - Goat Anti-Chat (mouse) Antibody - Trial

Size: 20µg specific antibody in 40µl



Target Protein

Principal Names: Chat, choline acetyltransferase, B230380D24Rik

Official Symbol: Chat

Accession Number(s): NP_034021.1

Non-Human GeneID(s): 12647 (mouse), 432359 (rat)

Important Comments: This antibody is NOT expected to cross-react to Human CHAT.

Immunogen

Peptide with sequence C-KERARGPTKPSNLD, from the C Terminus of the protein sequence according to NP_034021.1.

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 75-80kDa band observed in Mouse Brain lysates (calculated MW of 72.3kDa according to NP_034021.1). Recommended concentration: 0.2-0.5µg/ml.

IHC: Frozen sections of Mouse Basal Forebrain shows staining of neural cell bodies. Recommended concentration: 0.1-0.3µg/ml.

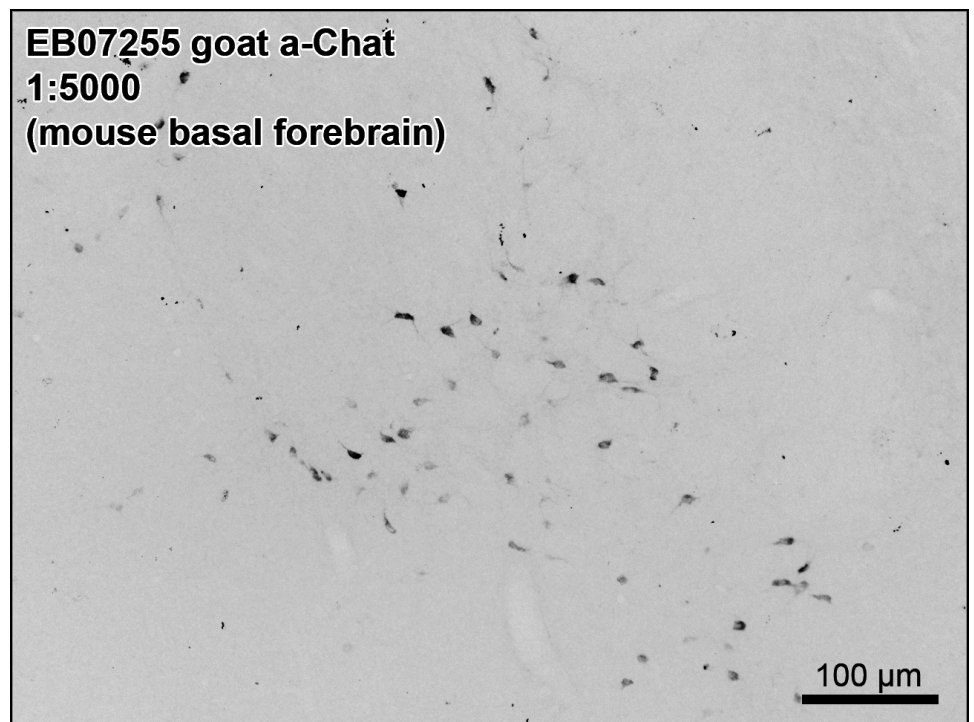
Species Reactivity

Tested: Mouse

Expected from sequence similarity: Mouse, Rat



EB07255 (0.2 μ g/ml) staining of Mouse Brain lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour.
Detected by chemiluminescence.



EB07255 (0.1 μ g/ml) staining of PFA-perfused cryosection of Mouse Basal Forebrain. HRP-staining with Ni-DAB after Biotin-SP-antigoat amplification. Data obtained by Prof. Erik Hrabovszky, Inst, Exp, Med, Budapest, Hungary.