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

Storage: For long-term storage
keep aliquots at -20°C. (Store no
longer than 12 months at 4°C).
Minimize freezing and thawing.

EB07255 - Goat Anti-Chat (mouse) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: B230380D24Rik, choline acetyltransferase, Chat

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 and Rat Brain lysates
(calculated MW of 72.3kDa according to NP_034021.1). Recommended concentration:
0.2-0.5µg/ml.

Species Reactivity

Tested: Mouse, Rat

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.