

Goat Chat Polyclonal Antibody | anti-Chat antibody

Goat anti-Chat (mouse) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61155	Goat	Tested: Mouse, Rat; Expected from sequence similarity: Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

Chat; Polyclonal Antibody; Goat anti-Chat (mouse) Antibody; choline acetyltransferase; B230380D24Rik; Chat antibody; choline acetyltransferase antibody; B230380D24Rik antibody; Chat (mouse); anti-Chat antibody

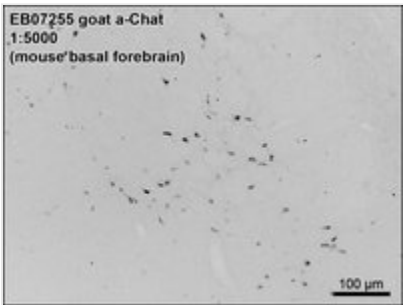
PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Mouse, Rat; Expected from sequence similarity: Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Sequence	KERARGPTKP SNLD
Sequence Length	645
Applicable Applications for anti-Chat antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-KERARGPTKPSNLD, from the C Terminus of the protein sequence according to NP_034021.1.
Epitope	C Terminus
Note	This antibody is NOT expected to cross-react to Human CHAT.
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



WB (Western Blot)
0.2ug/ml) staining of Mouse Brain lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



WB (Western Blot)
0.1ug/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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	45476575
NCBI GeneID	12647
NCBI Accession #	NP_034021.1
NCBI GenBank Nucleotide #	NM_009891.2
Molecular Weight	71,853 Da
NCBI Official Full Name	choline O-acetyltransferase
NCBI Official Synonym Full Names	choline acetyltransferase
NCBI Official Symbol	Chat
NCBI Official Synonym Symbols	B230380D24Rik
NCBI Protein Information	choline O-acetyltransferase
UniProt Protein Name	Choline O-acetyltransferase
UniProt Gene Name	Chat
UniProt Synonym Gene Names	CHOACTase; ChAT; Choline acetylase
UniProt Entry Name	CLAT_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.