

Rabbit Choline acetyltransferase Polyclonal Antibody | anti-CHAT antibody

Choline Acetyltransferase Polyclonal Antibody

CATALOG # AAA47876	HOST Rabbit	APPLICATIONS Immunofluorescence, Immunoblot, Western Blot
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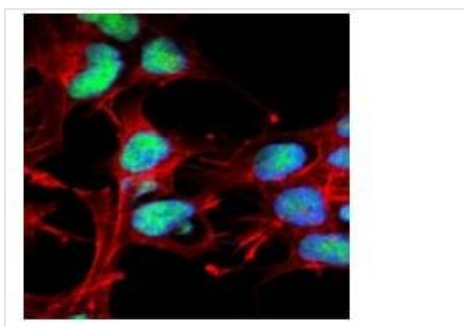
PRODUCT SYNONYMS

Choline acetyltransferase; Polyclonal Antibody; Choline Acetyltransferase Polyclonal Antibody; anti-CHAT antibody

PRODUCT SPECIFICATIONS

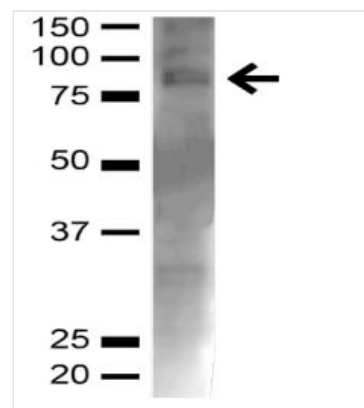
Host	Rabbit
Clonality	Polyclonal
Specificity	This antibody recognizes human and mouse choline acetyltransferase
Form/Format	100ug (1mg/ml) peptide affinity-purified antibody in PBS, pH 7.4, 50% glycerol, 0.09% sodium azide.
Sequence Length	630
Applicable Applications for anti-CHAT antibody	IF (Immunofluorescence), IB (Immunoblot)
Immunogen	Synthetic peptide corresponding to amino acids from the N-terminus to the mid-protein of human choline o-acetyltransferase.

IMAGES



Application Data

Detection of choline acetyltransferase in human neuroblastoma cell line SK-N-BE diluted 1:100. DAPI (blue) nuclear stain, Texas red actin stain, and FITC (green) choline acetyltransferase stain.



Application Data

Detection of choline acetyltransferase in mouse brain lysate diluted 1:1,000.

ADDITIONAL INFORMATION

Related Product Information for anti-CHAT antibody	Choline acetyltransferase (ChAT) catalyzes the transfer of an acetyl group from acetyl-CoA to choline to produce acetylcholine. ChAT is found in high concentration in the central nervous system and peripheral nervous system. Alterations in concentrations of acetylcholine and ChAT have been associated with Alzheimer disease and Amyotrophic Lateral Sclerosis (ALS).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	218931221
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NCBI GeneID	1103
NCBI Accession #	NP_001136401.1
NCBI GenBank Nucleotide #	NM_001142929.1
UniProt Accession #	P28329; Q16488; Q9BQ23; Q9BQ35; Q9BQE1; A2BDF4; A2BDF5
Molecular Weight	74,361 Da
NCBI Official Full Name	choline O-acetyltransferase isoform 1
NCBI Official Synonym Full Names	choline O-acetyltransferase
NCBI Official Symbol	CHAT
NCBI Official Synonym Symbols	CMS6; CMS1A; CMS1A2; CHOACTASE
NCBI Protein Information	choline O-acetyltransferase
UniProt Protein Name	Choline O-acetyltransferase
UniProt Gene Name	CHAT
UniProt Synonym Gene Names	CHOACTase; ChAT; Choline acetylase

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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/choline-acetyltransferase-antibody-immunofluorescence-immunoblot-elisa/47876>