

Goat Choline acetyltransferase Polyclonal Antibody | anti-CHAT antibody

Goat anti-Choline acetyltransferase Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA60863	Goat	Tested: Human; Expected from sequence similarity: Human, Dog, Pig, Cow	Western Blot, ELISA

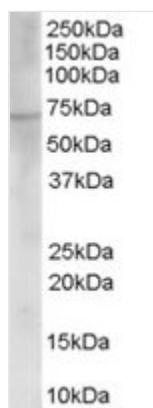
PRODUCT SYNONYMS

Choline acetyltransferase; Polyclonal Antibody; Goat anti-Choline acetyltransferase Antibody; CHAT; choline acetyltransferase; CMS1A; CMS1A2; acetyl CoA: choline O-acetyltransferase; choline acetyltransferase antibody; CHAT antibody; CMS1A antibody; CMS1A2 antibody; acetyl CoA: choline O-acetyltransferase antibody; anti-CHAT antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human; Expected from sequence similarity: Human, Dog, Pig, Cow
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.
Sequence	CKEKATRPSQ GHQP
Sequence Length	630
Applicable Applications for anti-CHAT antibody	WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence CKEKATRPSQGHQP, from the C Terminus of the protein sequence according to NP_066264.3; NP_065574.3; NP_001136405.1.
Note	This antibody is expected to recognise isoform 1 (NP_066264.3), isoform 2 (NP_065574.3) and isoform 3 (NP_001136405.1). Reported variants represent identical protein (NP_066264.3; NP_066265.3; NP_066266.3; NP_001136406.1; NP_001136401.1).
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



WB (Western Blot)

0.03ug/ml staining of Human Placenta lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	188595668
NCBI GeneID	1103
NCBI Accession #	NP_066264.3; NP_065574.3; NP_001136405.1
NCBI GenBank Nucleotide #	NM_020984.3
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
UniProt Entry Name	CLAT_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/choline-acetyltransferase-antibody-western-blot-peptide-elisa-elisa/60863>