

Rabbit CHAT Polyclonal Antibody | anti-CHAT antibody

Anti-CHAT Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA104636	Rabbit	Human, Mouse, Rat, Chicken, Pig, Zebrafish	Immunofluorescence, Western Blot

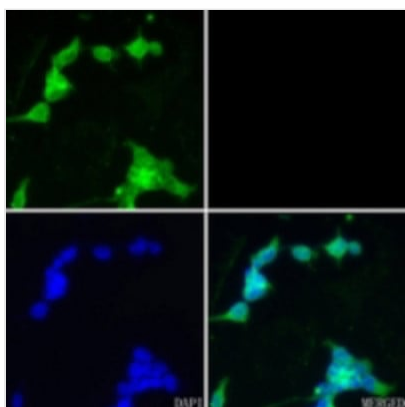
PRODUCT SYNONYMS

CHAT; Polyclonal Antibody; Anti-CHAT Antibody; Choline O-acetyltransferase; CHOACTase; ChAT; Choline acetylase; anti-CHAT antibody

PRODUCT SPECIFICATIONS

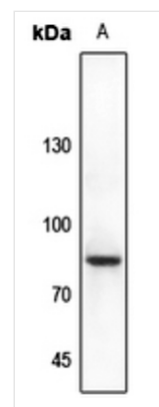
Host	Rabbit
Reactivity	Human, Mouse, Rat, Chicken, Pig, Zebrafish
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of CHAT protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	630
Applicable Applications for anti-CHAT antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CHAT. The exact sequence is proprietary.
Preparation and Storage	Upon receipt aliquot and store at -20°C for 1 year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of CHAT staining in HEK293T cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



WB (Western Blot)

Western blot analysis of CHAT expression in zebrafish (A) whole cell lysates. (Predicted band size: 82 kD; Observed band size: 82 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-CHAT antibody	Rabbit polyclonal antibody to CHAT
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NCBI AND UNIPROT INFORMATION

NCBI GI #	218931221
NCBI GeneID	1103
NCBI Accession #	NP_001136401.1
NCBI GenBank Nucleotide #	NM_001142929.1
UniProt Accession #	P28329; Q16488; Q9BQ23; Q9BQ35; Q9BQE1; A2BDF4; A2BDF5
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	CMS1A; CMS1A2; CHOACTASE
NCBI Protein Information	choline O-acetyltransferase; choline acetylase; acetyl CoA: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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/chat-antibody-immunofluorescence-western-blot-elisa/104636>