# 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

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|---|---|
| **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

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|---|---|
| **NCBI GI #** | 188595668 |
| **NCBI GeneID** | 1103 |
| **NCBI Accession #** | NP_066264.3; NP_065574.3; NP_001136405.1 |

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|---|---|
| **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.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/choline-acetyltransferase-antibody-western-blot-peptide-elisa-elisa/60863