

Datasheet for ABIN7440704

anti-Choline Acetyltransferase antibody (AA 517-732)[Go to Product page](#)**6** Images

Overview

Quantity:	100 µL
Target:	Choline Acetyltransferase (CHAT)
Binding Specificity:	AA 517-732
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Choline Acetyltransferase antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Purpose:	Polyclonal Antibody to Choline Acetyltransferase (ChAT)
Immunogen:	Recombinant Choline Acetyltransferase (ChAT) corresponding to Asp517~Pro732 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against ChAT. It has been selected for its ability to recognize ChAT in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

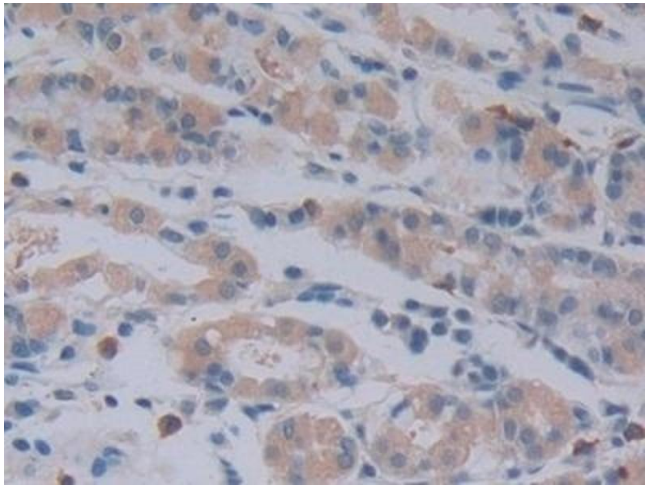
Target:	Choline Acetyltransferase (CHAT)
Alternative Name:	Choline Acetyltransferase (CHAT Products)
Background:	CMS1A, CMS1A2, CHOACTase, Choline acetylase
Pathways:	Skeletal Muscle Fiber Development

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

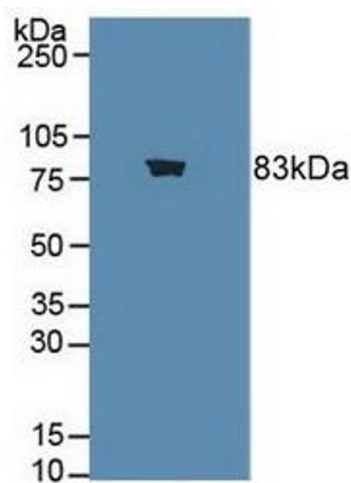
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



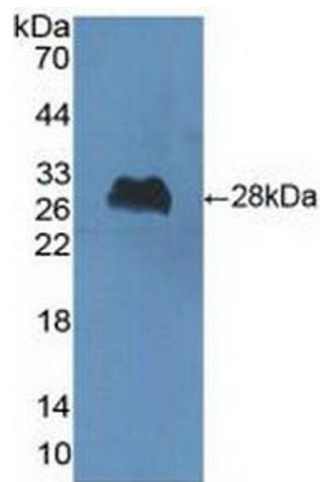
Immunohistochemistry

Image 1. Detection of ChAT in Human Stomach Tissue using Polyclonal Antibody to Choline Acetyltransferase (ChAT)



Western Blotting

Image 2. Detection of ChAT in Rat Brain Tissue using Polyclonal Antibody to Choline Acetyltransferase (ChAT)



Western Blotting

Image 3. Detection of Recombinant ChAT, Human using Polyclonal Antibody to Choline Acetyltransferase (ChAT)

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN7440704.