Datasheet for ABIN7434365

anti-Choline Acetyltransferase antibody

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Overview

Quantity:	100 µL
Target:	Choline Acetyltransferase (CHAT)
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Choline Acetyltransferase antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Purpose:	Polyclonal Antibody to Choline Acetyltransferase (ChAT)
Immunogen:	Recombinant Choline Acetyltransferase (ChAT) corresdonding to 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.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	Choline Acetyltransferase (CHAT)
Alternative Name:	ChAT (CHAT Products)

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Target Details

Background:	CMS1A, CMS1A2, CHOACTase, Choline acetylase
UniProt:	P32738
Pathways:	Skeletal Muscle Fiber Development

Application Details

Application Notes:	Western blotting: 0.01-2 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
Concentration:	0.4 mg/mL
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: 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

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