

Datasheet for ABIN224453

anti-Choline Acetyltransferase antibody[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	Choline Acetyltransferase (CHAT)
Reactivity:	Human, Rat, Pig
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Choline Acetyltransferase antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunohistochemistry (Paraformaldehyde) (IHC (pfa))

Product Details

Immunogen:	Highly purified ChAT obtained from porcine brain
Clone:	1-B3-9B3
Isotype:	IgG1
Specificity:	Recognizes choline acetyltransferase (ChAT)-positive cells. Species cross-reactivity: Human, Rat and Porcine.
Purification:	Purified

Target Details

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

Target Details

Background:	Name/Gene ID: CHAT Synonyms: CHAT, Choline acetylase, Choline acetyltransferase, Choline O-acetyltransferase, CMS1A2, CHOACTASE, CMS1A
Gene ID:	1103
UniProt:	P28329
Pathways:	Skeletal Muscle Fiber Development

Application Details

Application Notes:	Approved: ELISA, IHC, IHC-Pfa (10 - 20 µg/mL), WB Usage: Fixation: a) Human tissue: Fix by placing fresh (5-8 h post mortem) tissue in a 1:1 solution of 4 % paraformaldehyde/10 % formaldehyde for 1 week at 4 °C. Divide into tissue blocks (basal forebrain, septum and basal ganglia). Incubate the blocks in sucrose solutions of increasing concentration (10 %, 20 % and 30 %). Prepare 50µm sections and store in a cryoprotective solution at -15 °C (3).b) Rat tissue: Brain and spinal cord marrow tissue (transcardial perfusion). Perform a transcardial perfusion initially with oxygen-saturated heparin solution (II) (100-200ml) and subsequently with paraformaldehyde/picric acid solution (III) (400ml). Carry out immediate tissue preparation and fix for a further 30 minutes in the same solution. Wash out the fixative with several fresh quantities of Buffer A. Prepare 50µm sections.
Comment:	Target Species of Antibody: Pig
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.6, 0.09 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	avoid freeze thaw cycles.

Handling

Storage:	4 °C,-20 °C
Storage Comment:	Short term 4°C, long term aliquot and store at -20°C, avoid freeze-thaw cycles.