Datasheet for ABIN5671353

anti-ACHB3 antibody (N-Term)

1 Image

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Overview

Quantity:	100 µL
Target:	ACHB3 (LOC101456006)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACHB3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human ACHB3
Sequence:	QGYQKWVRPV LHSNDTIKVY FGLKISQLVD VDEKNQLMTT NVWLKQEWTD
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 86%, Rabbit: 93%, Rat: 100%, Zebrafish: 85%
Characteristics:	This is a rabbit polyclonal antibody against ACHB3. It was validated on Western Blot.
Purification:	Affinity purified

Target Details

Target:	ACHB3 (LOC101456006)

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Target Details

Alternative Name:	ACHB3 (LOC101456006 Products)
Background:	The nicotinic acetylcholine receptors (nAChRs) are members of a superfamily of ligand-gated ion channels that mediate fast signal transmission at synapses. The nAChRs are (hetero)pentamers composed of homologous subunits. The subunits that make up the muscle and neuronal forms of nAChRs are encoded by separate genes and have different primary structure. There are several subtypes of neuronal nAChRs that vary based on which homologous subunits are arranged around the central channel. They are classified as alpha-subunits if, like muscle alpha-1 (MIM 100690), they have a pair of adjacent cysteines as part of the presumed acetylcholine binding site. Subunits lacking these cysteine residues are classified as beta-subunits (Groot Kormelink and Luyten, 1997 [PubMed 9009220]). Elliott et al. (1996) [PubMed 8906617] stated that the proposed structure for each subunit is a conserved N-terminal extracellular domain followed by 3 conserved transmembrane domains, a variable cytoplasmic loop, a fourth conserved transmembrane domain, and a short C-terminal extracellular region. Alias Symbols: CHRNB3, Protein Size: 458
Gene ID:	1142
NCBI Accession:	NP_000740
UniProt:	Q05901

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

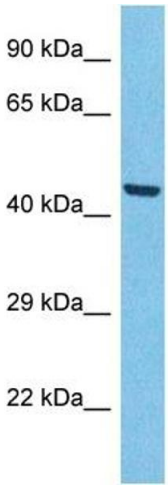
Handling

Format:	Liquid
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

	should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. Host: Rabbit Target Name: ACHB3 Sample Type: A549 Whole Cell lysates Antibody Dilution: 1.0ug/ml

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