Datasheet for ABIN5516579

anti-ATAD1 antibody (N-Term)

Go to Product page

Overview

Quantity:	100 µL
Target:	ATAD1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Horse, Rabbit, Cow, Zebrafish (Danio rerio), Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATAD1 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 ATAD1
Sequence:	FRLTIFGAVT YFTIKWMVDA IDPTRKQKVE AQKQAEKLMK QIGVKNVKLS
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against ATAD1. It was validated on Western Blot.
Purification:	Affinity purified

Target Details

Target:	ATAD1
Alternative Name:	ATAD1 (ATAD1 Products)

Target Details

Background:	ATAD1 is a ATPase that plays a critical role in regulating the surface expression of AMPA receptors (AMPAR), thereby regulating synaptic plasticity and learning and memory. Required for NMDA- stimulated AMPAR internalization and inhibition of GRIA1 and GRIA2 recycling back to the plasma membrane, these activities are ATPase-dependent. Alias Symbols: FNP001 Protein Interaction Partner: UBC, PEX14, ELAVL1, BABAM1, USP19, Protein Size: 287
Gene ID:	84896
Pathways:	Synaptic Membrane

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 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.