

Datasheet for ABIN2778650
anti-TUBA4A antibody (Middle Region)



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	TUBA4A
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Sheep, Rabbit, Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TUBA4A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human TUBA4A
Sequence:	GGTGSGFTSL LMERLSVDYG KSKLEFSIY PAPQVSTAVV EPYNSILTTH
Predicted Reactivity:	Dog: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%, Sheep: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against TUBA4A. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	TUBA4A
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Target Details

Alternative Name:	TUBA4A (TUBA4A Products)
Background:	<p>Microtubules of the eukaryotic cytoskeleton perform essential and diverse functions and are composed of a heterodimer of alpha and beta tubulin. The genes encoding these microtubule constituents are part of the tubulin superfamily, which is composed of si</p> <p>Alias Symbols: FLJ30169, H2-ALPHA, TUBA1</p> <p>Protein Interaction Partner: MAPT, CDC20, HAUS1, CEP76, HAUS2, MAGED2, TUBGCP2, CEP57, UBC, TUBG1, TP53, SUMO2, STAU1, MDM2, MGRN1, RPA3, RPA2, RPA1, rev, TUBB, TUBA1C, TUBB6, TUBA4B, TUBB4B, TUBA1A, TXNRD1, TUBB2A, RPS27A, PRPS1, YBX1, HSPA5, HSPA1A, CRYZ, PARK2, EGFR, SOX2, ICAM1,</p> <p>Protein Size: 448</p>
Molecular Weight:	50 kDa
Gene ID:	7277
NCBI Accession:	NM_006000 , NP_005991
UniProt:	P68366
Pathways:	Microtubule Dynamics , M Phase

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 448 AA
Restrictions:	For Research Use only

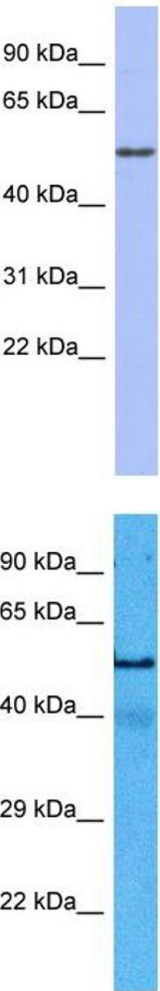
Handling

Format:	Liquid
Concentration:	Lot specific
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.
Handling Advice:	Avoid repeated freeze-thaw cycles.

Handling

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. WB Suggested Anti-TUBA4A Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Human Small Intestine

Western Blotting

Image 2. Host: Rat Target Name: TUBA1A Sample Tissue: Rat Skeletal Muscle Antibody Dilution: 1ug/ml