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Datasheet for ABIN2784789

anti-TUBB4 antibody (N-Term)

2 Images

Overview

Quantity:	100 µL
Target:	TUBB4 (TUBB4A)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TUBB4 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 TUBB4
Sequence:	TYHGDSLQL ERINVYYNEA TGGNYVPRAV LVDLEPGTMD SVRSGPFGQI
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against TUBB4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	TUBB4 (TUBB4A)
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Target Details

Alternative Name: TUBB4 ([TUBB4A Products](#))

Background: Tubulin is the major constituent of microtubules. It binds two moles of GTP, one at an exchangeable site on the beta chain and one at a non-exchangeable site on the alpha-chain.

Alias Symbols: TUBB5, beta-5, TUBB4

Protein Interaction Partner: CEP250, TUBGCP2, SUMO2, DNAJA4, IRS4, UBC, MDM2, ASB4, rev, HSPA5, NR4A1, FBXO6, EGFR, IGSF8, HDAC6, LYN, CD81, FAM86B2, METTL20, METTL23, CAMKMT, METTL22, METTL21B, UBL4A, PEX14, CLN8, UBD, CUL1, CUL3, CUL5, FBXO25, SIRT7, SP1, ARRB2, SUMO1, AGO3, SNW1,

Protein Size: 444

Molecular Weight: 49 kDa

Gene ID: 10382

NCBI Accession: [NM_006087](#), [NP_006078](#)

UniProt: [P04350](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 444 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.

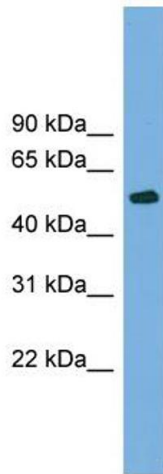
Handling Advice: Avoid repeated freeze-thaw cycles.

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

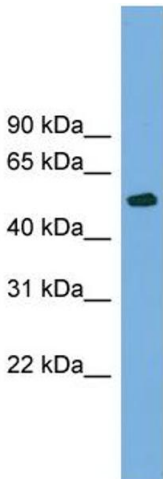


Western Blotting

Image 1. WB Suggested Anti-TUBB4 Antibody Titration:

0.2-1 ug/ml

Positive Control: Jurkat cell lysate



Rabbit Anti-TUBB4 Antibody
Catalog Number: ARP52132
Lot Number: QC28917
Lane: Jurkat Cell Lysate

Antibody Titration: 1.0µg/ml
Gel Concentration: 12%

Western Blotting

Image 2. WB Suggested Anti-TUBB4

Antibody Titration: 0.2-1 µg/mL

Positive Control: Jurkat cell lysate