

Rabbit TUB Polyclonal Antibody | anti-TUB antibody

TUB antibody - N-terminal region

CATALOG # AAA197609	HOST Rabbit	REACTIVITY Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

TUB; Polyclonal Antibody; TUB antibody - N-terminal region; anti-TUB antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: DS LASVQLGATR PTAPASAKRT KAAATAGGQG GAARKEKKGK HKGTSGPA
Sequence Length	561
Applicable Applications for anti-TUB antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Dog: 92%; Guinea Pig: 85%; Horse: 85%; Human: 100%; Mouse: 92%; Rabbit: 92%; Rat: 92%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human TUB
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-TUB Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:12500
Positive Control: Human Lung

IHC (Immunohistochemistry)

Sample Type: Human brain
Brain, cortex

ADDITIONAL INFORMATION

Related Product Information for anti-TUB antibody

This is a rabbit polyclonal antibody against TUB. It was validated on Western Blot using a cell lysate as a positive control.

Target Description: TUB functions in signal transduction from heterotrimeric G protein-coupled receptors. It could be involved in the hypothalamic regulation of body weight. This gene encodes a member of the Tubby family of bipartite transcription factors. The encoded protein may play a role in obesity and sensorineural degradation. The crystal structure has been determined for a similar protein in mouse, and it functions as a membrane-bound transcription regulator that translocates to the nucleus in response to phosphoinositide hydrolysis. Two transcript variants encoding distinct isoforms have been identified for this gene.

Product Categories/Family for anti-TUB antibody	Polyclonal; Transcription Factor; Chromatin & Nuclear Signaling; Signal Transduction; Membrane & Traffic; Immunohistochemistry
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NCBI AND UNIPROT INFORMATION

NCBI GI #	19923167
NCBI GeneID	7275
NCBI Accession #	NP_003311
NCBI GenBank Nucleotide #	NM_003320
UniProt Accession #	P50607
Molecular Weight	62kDa
NCBI Official Full Name	tubby protein homolog isoform a
NCBI Official Synonym Full Names	tubby bipartite transcription factor
NCBI Official Symbol	TUB
NCBI Official Synonym Symbols	rd5; RDOB
NCBI Protein Information	tubby protein homolog
UniProt Protein Name	Tubby protein homolog
UniProt Gene Name	TUB

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
 Online datasheet: <https://stage.aaabiotech.com/polyclonal/tub-antibody-western-blot-immunohistochemistry-elisa/197609>