

Tubulin Alpha4A Chain Polyclonal Antibody

Catalogue No*:	AB0046-200	Price/Unit*:	300.00
Source:	3	Quantity/unit size*:	400 g
Description:	Goat polyclonal antibody to alpha tubulin. Microtubules of the eukaryotic cytoskeleton perform essential and diverse functions and are composed of a heterodimer of alpha and beta tubulin. The alpha and beta tubulins represent the major components of microtubules, while gamma tubulin plays a critical role in the nucleation of microtubule assembly. Alternative names: TUBA1, TUBA4A antibody.		
Immunogen:	Purified recombinant peptide derived from within residues 400 aa to the C-terminus of human alpha tubulin produced in <i>E. coli</i> .		
Specificity:	This antibody gives a positive signal in the following human (293A, HMEC-1, U-118, HaCat), rat (TR-iBRB), mouse (AtT-20, Hepa), canine (D17) and monkey (COS-7) whole cell lysates.		
Reactivity:	Reacts against human, rat, mouse, canine and monkey proteins.		
Usage:	Western blot 1:250-1:2,000 Immunofluorescence 1:50-1:200 Immunohistochemistry (paraffin) ND Immunohistochemistry (frozen) ND		

Reactivity Chart

Sample	Western Blot	Immuno-fluorescence	Immuno-Histochemistry (p)	Immuno-Histochemistry (f)
human	+++	+++	ND	ND
rat	+++	+++	ND	ND
mouse	+++	+++	ND	ND
canine	+++	+++	ND	ND
monkey	+++	+++	ND	ND

Storage:	Store at -20 C for long term storage. Store at 2-8 C for up to one month.
Special instructions:	Avoid freeze/thaw cycles.
References:	1. Ferreira JV, Rosa Soares A, Ramalho JS, et al. <i>PLoS One</i> . 2019 Oct. PMID:31613922 2. Goncalves SMM, PhD Thesis, University of Minho - Portugal 2015 For research use only, not for diagnostic use



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