

## PP32 Ab

Cat.#: BF0161  
Size: 50ul,100ul,200ul

Concn.: 1mg/ml  
Source: Mouse

Mol.Wt.: 28kDa  
Clonality: Monoclonal

Application:	ELISA 1/10000, WB 1/500 - 1/2000, IHC 1/200 - 1/1000
Reactivity:	Human
Purification:	Affinity-chromatography.
Specificity:	PP32 Ab detects endogenous levels of total PP32.
Immunogen:	Purified recombinant fragment of human PP32 expressed in E. Coli.
Uniprot:	P39687
Description:	Implicated in a number of cellular processes, including proliferation, differentiation, caspase-dependent and caspase-independent apoptosis, suppression of transformation (tumor suppressor),inhibition of protein phosphatase 2A, regulation of mRNA trafficking and stability in association with ELAVL1, and inhibition of acetyltransferases as part of the INHAT (inhibitor of histone acetyltransferases) complex. Plays a role in E4F1-mediated transcriptional repression.
Subcellular Location:	Nucleus. Cytoplasm. Endoplasmic reticulum. Translocates to the cytoplasm during the process of neuritogenesis (By similarity). Shuttles between nucleus and cytoplasm.
Tissue Specificity:	Expressed in all tissues tested. Highly expressed in kidney and skeletal muscle, moderate levels of expression in brain, placenta and pancreas, and weakly expressed in lung. Found in all regions of the brain examined (amygdala, caudate nucleus, corpus callosum, hippocampus and thalamus), with highest levels in amygdala.
Similarity:	Belongs to the ANP32 family.
Storage Condition and Buffer:	Mouse IgG1 in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.

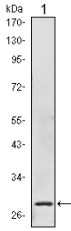


Figure 1: Western blot analysis using PP32 mouse mAb against Hela (1) cell lysate.

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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