

14-3-3 θ/τ rabbit pAb**Cat#: orb764420 (Manual)**

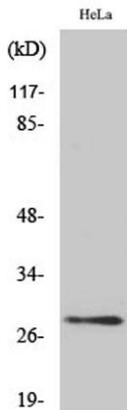
For research use only. Not intended for diagnostic use.

Product Name	14-3-3 θ/τ rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human 14-3-3 θ/τ . AA range:196-245
Specificity	14-3-3 θ/τ Polyclonal Antibody detects endogenous levels of 14-3-3 θ/τ protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	14-3-3 protein theta
Gene Name	YWHAQ
Cellular localization	Cytoplasm. In neurons, axonally transported to the nerve terminals.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

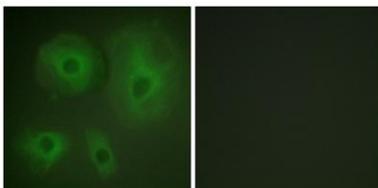
Concentration	1 mg/ml
Observed band	28kD
Human Gene ID	10971
Human Swiss-Prot Number	P27348
Alternative Names	YWHAQ; 14-3-3 protein theta; 14-3-3 protein T-cell; 14-3-3 protein tau; Protein HS1

Background

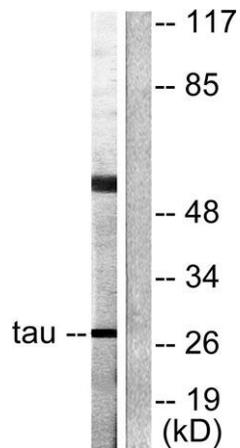
This gene product belongs to the 14-3-3 family of proteins which mediate signal transduction by binding to phosphoserine-containing proteins. This highly conserved protein family is found in both plants and mammals, and this protein is 99% identical to the mouse and rat orthologs. This gene is upregulated in patients with amyotrophic lateral sclerosis. It contains in its 5' UTR a 6 bp tandem repeat sequence which is polymorphic, however, there is no correlation between the repeat number and the disease. [provided by RefSeq, Jul 2008],



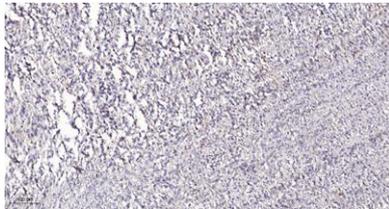
Western Blot analysis of various cells using 14-3-3 θ/τ Polyclonal Antibody diluted at 1:500



Immunofluorescence analysis of HeLa cells, using 14-3-3 thet/tau Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HeLa cells, using 14-3-3 thet/tau Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human Colon cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).