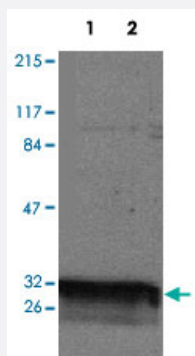


YWHAQ polyclonal antibody

Catalog # PAB14303 Size 200 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of YWHAQ expression in HeLa (Lane 1) and Jurkat (Lane 2) whole cell lysates. Using YWHAQ polyclonal antibody (Cat # PAB14303).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of YWHAQ.
Immunogen	A synthetic peptide corresponding to human YWHAQ.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Recommend Usage	Western Blot (1:400) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.2% gelatin, 0.09% sodium azide)
Storage Instruction	Store at 4°C. Do not freeze.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of YWHAQ expression in HeLa (Lane 1) and Jurkat (Lane 2) whole cell lysates. Using YWHAQ polyclonal antibody (Cat # PAB14303).

- Immunohistochemistry

- Immunoprecipitation

Gene Info — YWHAQ

Entrez GeneID	10971
Gene Name	YWHAQ
Gene Alias	14-3-3, 1C5, HS1
Gene Description	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, theta polypeptide
Omim ID	609009
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	14-3-3 protein T-cell 14-3-3 protein tau 14-3-3 protein theta OTTHUMP00000015730 protein tau tyrosine 3/tryptophan 5 -monooxygenase activation protein, theta polypeptide

Publication Reference

- [How do 14-3-3 proteins work?-- Gatekeeper phosphorylation and the molecular anvil hypothesis.](#)

Yaffe MB.

FEBS Letters 2002 Feb; 513(1):53.

- [14-3-3 proteins; bringing new definitions to scaffolding.](#)

Tzivion G, Shen YH, Zhu J.

Oncogene 2001 Oct; 20(44):6331.

Application: IHC, WB-Tr, Human, Cancers, Mammalian cells

- [14-3-3 proteins: structure, function, and regulation.](#)

Fu H, Subramanian RR, Masters SC.

Annual Review of Pharmacology and Toxicology 2000 Jan; 40:617.

Pathway

- [Cell cycle](#)
- [Neurotrophin signaling pathway](#)
- [Pathogenic Escherichia coli infection - EHEC](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)