

YWHAQ rabbit monoclonal antibody

Catalog # H00010971-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human YWHAQ peptide using ARM Technology.
Immunogen	A synthetic peptide of human YWHAQ is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human YWHAQ peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — YWHAQ

Entrez GeneID	10971
GeneBank Accession#	YWHAQ
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

Pathway

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

Disease

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