

YWHAH rabbit monoclonal antibody

Catalog # H00007533-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human YWHAH peptide using ARM Technology.
Immunogen	A synthetic peptide of human YWHAH 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 YWHAH 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 — YWHAH

Entrez GeneID	7533
GeneBank Accession#	YWHAH
Gene Name	YWHAH
Gene Alias	YWHA1
Gene Description	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, eta polypeptide
Omim ID	113508
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, rat and bovine orthologs. This gene contains a 7 bp repeat sequence in its 5' UTR, and changes in the number of this repeat have been associated with early-onset schizophrenia and psychotic bipolar disorder. [provided by RefSeq]
Other Designations	14-3-3 eta

Pathway

- [Cell cycle](#)
- [Neurotrophin signaling pathway](#)

Disease

- [Bipolar Disorder](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Psychotic Disorders](#)

- [Schizophrenia](#)