

Rabbit 14-3-3 eta Polyclonal Antibody | anti-YWHAH antibody

14-3-3 eta Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324182	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

14-3-3 eta; Polyclonal Antibody; 14-3-3 eta Antibody; 14 3 3 protein eta; 14-3-3 protein eta; 1433F_HUMAN; Brain protein 14-3-3; eta isoform; HGNC:12853; Protein AS1; Tyrosine 3 monooxygenase/tryptophan 5 monooxygenase activation protein 1; Tyrosine 3 monooxygenase/tryptophan 5 monooxygenase activation protein eta polypeptide; Tyrosine 3 monooxygenase/tryptophan 5 monooxygenase activation protein; tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein; eta; Tyrosine 3/tryptophan 5 monooxygenase activation protein eta polypeptide; YWHA 1; YWHA1; Ywhah; anti-YWHAH antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	14-3-3 eta antibody detects endogenous levels of total 14-3-3 eta
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	246
Applicable Applications for anti-YWHAH antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Tissue Specificity	Expressed mainly in the brain and present in other tissues albeit at lower levels.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Zebrafish (80%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (80%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA324182 staining Hela cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from Jurkat cells, using 14-3-3 eta antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-YWHAH antibody	Function: Adapter protein implicated in the regulation of a large spectrum of both general and specialized signaling pathways. Binds to a large number of partners, usually by recognition of a phosphoserine or phosphothreonine motif. Binding generally results in the modulation of the activity of the binding partner. Negatively regulates the kinase activity of PDPK1. Subunit Structure: Homodimer (By similarity). Interacts with many nuclear hormone receptors and cofactors including AR, ESR1, ESR2, MC2R, NR3C1, NRIP1, PPARBP and THRA. Interacts with ABL1 (phosphorylated form); the interaction retains it in the cytoplasm. Interacts with ARHGEF28 and CDK16 (By similarity). Weakly interacts with CDKN1B. Interacts with GAB2. Interacts with KCNK18 in a phosphorylation-dependent manner. Interacts with SAMSN1 (By similarity). Interacts with the 'Ser-241' phosphorylated form of PDPK1. Interacts with the 'Thr-369' phosphorylated form of DAPK2 (PubMed:26047703). Interacts with PI4KB, TBC1D22A and TBC1D22B (PubMed:23572552). Interacts with SLITRK1 (PubMed:19640509). Post-translational Modifications: Phosphorylated on Ser-59 by protein kinase C delta type catalytic subunit in a sphingosine-dependent fashion. Similarity: Belongs to the 14-3-3 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4507951
NCBI GeneID	7533
NCBI Accession #	NP_003396.1
NCBI GenBank Nucleotide #	NM_003405.3
UniProt Accession #	Q04917
Molecular Weight	Observed: 42 kD Predicted: 29 kDa
NCBI Official Full Name	14-3-3 protein eta
NCBI Official Synonym Full Names	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein eta
NCBI Official Symbol	YWHAH
NCBI Official Synonym Symbols	YWHA1
NCBI Protein Information	14-3-3 protein eta
UniProt Protein Name	14-3-3 protein eta
UniProt Gene Name	YWHAH
UniProt Synonym Gene Names	YWHA1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.