

Mouse YWHAZ Monoclonal Antibody | anti-YWHAZ antibody

YWHAZ Antibody

CATALOG # AAA283483	HOST Mouse	REACTIVITY Human, mouse, rat (Predicted Reactivity: Bovine,Sheep)	APPLICATIONS Immunofluorescence, ELISA, Western Blot
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PRODUCT SYNONYMS

YWHAZ; Monoclonal Antibody; YWHAZ Antibody; 14-3-3 protein zeta/delta; Protein kinase C inhibitor protein 1; KCIP-1; anti-YWHAZ antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, mouse, rat (Predicted Reactivity: Bovine,Sheep)
Clonality	Monoclonal
Isotype	IgG2b,kappa
Specificity	This YWHAZ antibody is generated from a mouse immunized with a recombinant protein from human YWHAZ.
Purity/Purification	Purified Mouse Monoclonal Antibody (Mab)
Form/Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
Sequence Length	245
Applicable Applications for anti-YWHAZ antibody	IF (Immunofluorescence), ELISA, WB (Western Blot)
Cellular location	Cytoplasm. Melanosome. Note=Located to stage I to stage IV melanosomes.
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from A431, HepG2, mouse NIH/3T3, rat PC-12 and C6 cell line, mouse brain tissue (from left to right), using YWHAZ Antibody. AAA283483 was diluted at 1:1000 at each lane. A goat anti-mouse IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.



IF (Immunofluorescence)

Fluorescent image of U251 cells stained with YWHAZ Antibody. AAA283483 was diluted at 1:25 dilution. An Alexa Fluor 488-conjugated goat anti-mouse IgG at 1:400 dilution was used as the secondary antibody (green). Cytoplasmic actin was counterstained with Alexa Fluor 555 conjugated with Phalloidin (red).

ADDITIONAL INFORMATION

Related Product Information for anti-YWHAZ antibody	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.
Product Categories/Family for anti-YWHAZ antibody	Crown Antibodies; Cell Biology; Signal Transduction

References	Zupan L.A.,et al.J. Biol. Chem. 267:8707-8710(1992). Seluja G.A.,et al.Biochim. Biophys. Acta 1395:281-287(1998). Ota T.,et al.Nat. Genet. 36:40-45(2004). Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases. Gevaert K.,et al.Nat. Biotechnol. 21:566-569(2003).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	208973238
NCBI GeneID	7534
NCBI Accession #	NP_001129171.1
NCBI GenBank Nucleotide #	NM_001135699.1
UniProt Accession #	P63104; P29213; P29312; Q32P43; Q5XJ08; Q6GPI2; Q6IN74; Q6NUR9; Q6P3U9; Q86V33; A8K1N0; B7Z465
NCBI Official Full Name	14-3-3 protein zeta/delta
NCBI Official Synonym Full Names	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, zeta
NCBI Official Symbol	YWHAZ
NCBI Official Synonym Symbols	HEL4; YWHAD; KCIP-1; HEL-S-3; 14-3-3-zeta
NCBI Protein Information	14-3-3 protein zeta/delta
UniProt Protein Name	14-3-3 protein zeta/delta
UniProt Gene Name	YWHAZ
UniProt Synonym Gene Names	KCIP-1
UniProt Entry Name	1433Z_HUMAN

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.