

anti-Human, Mouse 14-3-3 zeta/delta Antibody | anti-YWHAZ antibody

14-3-3 zeta/delta (Phospho-Thr232) Antibody

CATALOG # AAA112204	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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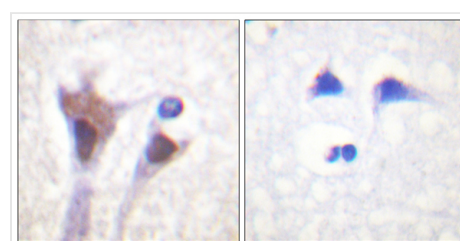
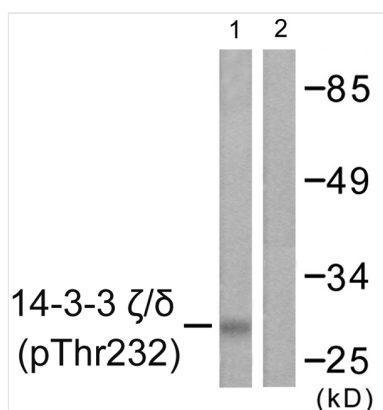
PRODUCT SYNONYMS

14-3-3 zeta/delta; 14-3-3 zeta/delta (Phospho-Thr232) Antibody; 14-3-3 protein zeta/delta; 1433Z; 143Z; FAS; Factor activating exoenzyme S; KCIP-1; mitochondrial import stimulation factor S1 subunit; Protein kinase C inhibitor protein-1; YWHAZ; anti-YWHAZ antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse
Specificity	14-3-3 zeta/delta (Phospho-Thr232) antibody detects endogenous levels of 14-3-3 zeta/delta only when phosphorylated at threonine 232.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	245
Applicable Applications for anti-YWHAZ antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human 14-3-3 zeta/delta around the phosphorylation site of threonine 232 (S-D-TP-Q-G).
All Sites	Human: Thr232 Mouse: Thr232
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using 14-3-3 zeta/delta (Phospho-Thr232) antibody. Western blot analysis of extracts from Jurkat cells, treated with UV (15mins), using 14-3-3 zeta/delta (Phospho-Thr232) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-YWHAZ antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Alastair Aitken, J. Biol. Chem., Mar 1995; 270: 5706. L Kockel, Genes & Dev., May 1997; 11: 1140-1147. Martijn J. van Hemert, J. Cell Sci., Mar 2004; 117: 1411-1420. Anne-Sophie Vercoutter-Edouart, Cancer Res., Jan 2001; 61: 76-80.

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
Molecular Weight	19,333 Da
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; HEL-S-93; 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

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.