

Rabbit YWHAQ Polyclonal Antibody | anti-YWHAQ antibody

YWHAQ Antibody

CATALOG # AAA302644	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

YWHAQ; Polyclonal Antibody; YWHAQ Antibody; 1C5; HS1; 41701; anti-YWHAQ antibody

PRODUCT SPECIFICATIONS

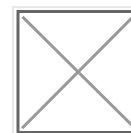
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total YWHAQ protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	245
Applicable Applications for anti-YWHAQ antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human YWHAQ.
Target Name	YWHAQ
Preparation and Storage	Store at -20 degree C

IMAGES



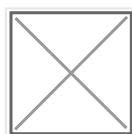
IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cell using YWHAQ antibody. Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human stomach cancer using YWHAQ antibody at dilution of 1:200 (400x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using YWHAQ antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-YWHAQ antibody	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.
Product Categories/Family for anti-YWHAQ antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	5803227
NCBI GeneID	10971
NCBI Accession #	NP_006817.1
NCBI GenBank Nucleotide #	NM_006826.3
UniProt Accession #	P27348; Q567U5; Q5TZU8; Q9UP48; D6W4Z5
Molecular Weight	27,764 Da
NCBI Official Full Name	14-3-3 protein theta
NCBI Official Synonym Full Names	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, theta
NCBI Official Symbol	YWHAQ
NCBI Official Synonym Symbols	1C5; HS1; 14-3-3
NCBI Protein Information	14-3-3 protein theta
UniProt Protein Name	14-3-3 protein theta
UniProt Gene Name	YWHAQ
UniProt Entry Name	1433T_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.