

Rabbit anti-Human, Mouse YWHAQ Polyclonal Antibody | anti-YWHAQ antibody

YWHAQ Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA307512	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

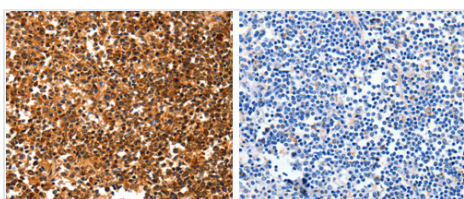
PRODUCT SYNONYMS

YWHAQ; Polyclonal Antibody; YWHAQ Antibody; tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein; theta polypeptide; 1C5; HS1; 14-3-3; anti-YWHAQ antibody

PRODUCT SPECIFICATIONS

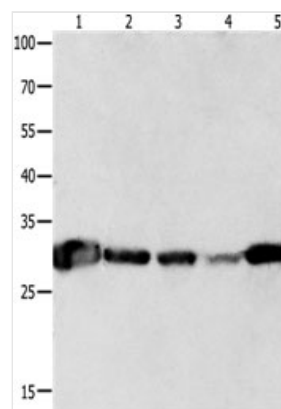
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total YWHAQ protein.
Form/Format	Supplied at 0.6mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.3, 0.05% sodium azide and 50% glycerol.
Sequence Length	245
Applicable Applications for anti-YWHAQ antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide-KLH
Immunogen Description	Synthetic peptide corresponding to a region derived from 140-154 amino acids of Human tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, theta polypeptide
Target Name	YWHAQ
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using 31247 (YWHAQ Antibody) at dilution 1/20, on the right is treated with the synthetic peptide.



Application Data

Gel: 10%+12% SDS-PAGE Lane1: Mouse brain tissue lysate Lane2: A549 cell lysate Lane3: Human lymphoma tissue lysate Lane4: NIH/3T3 cell lysate Lane5: Human colon cancer tissue lysate Lysates: 40 ug per lane Primary antibody: 1/300 dilution Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution Exposure time: 5 seconds

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
NCBI GenBank Nucleotide #	NM_006826.3
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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ywhaq-antibody-immunohistochemistry-western-blot-elisa/307512>