

ZAP-70 Antibody | anti-ZAP-70 antibody

ZAP-70 (Phospho-Tyr493) Antibody

CATALOG # AAA112136	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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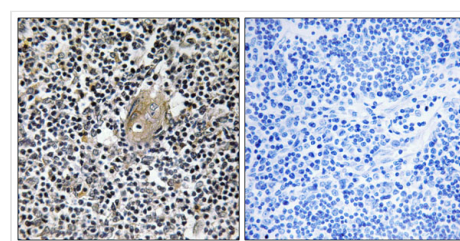
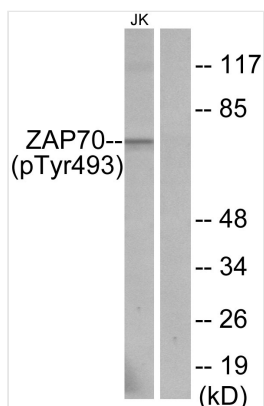
PRODUCT SYNONYMS

ZAP-70; ZAP-70 (Phospho-Tyr493) Antibody; 70 kDa zeta-associated protein; EC 2.7.10.2; kinase ZAP70; SRK; Syk-related tyrosine kinase; ZA70; ZAP70; anti-ZAP-70 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	ZAP-70 (Phospho-Tyr493) antibody detects endogenous levels of ZAP-70 only when phosphorylated at tyrosine 493.
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	619
Applicable Applications for anti-ZAP-70 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human ZAP-70 around the phosphorylation site of tyrosine 493 (S-Y-YP-T-A).
All Sites	Human: Tyr493 Mouse: Tyr492 Rat: Tyr488
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human thymus gland tissue using ZAP-70 (Phospho-Tyr493) antibody. Western blot analysis of extracts from Jurkat cells, using ZAP-70 (Phospho-Tyr493) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-ZAP-70 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Chan A.C., Cell 71:649-662(1992). Kuroyama H., Biochem. Biophys. Res. Commun. 315:935-941(2004). Hillier L.W., Nature 434:724-731(2005).

NCBI AND UNIPROT INFORMATION

NCBI GI #	31455611
NCBI GeneID	7535
NCBI Accession #	NP_001070.2
NCBI GenBank Nucleotide #	NM_001079.3
UniProt Accession #	P43403; Q6PIA4; Q8IXD6; Q9UBS6; A6NFP4
Molecular Weight	55,873 Da
NCBI Official Full Name	tyrosine-protein kinase ZAP-70 isoform 1
NCBI Official Synonym Full Names	zeta chain of T cell receptor associated protein kinase 70
NCBI Official Symbol	ZAP70
NCBI Official Synonym Symbols	SRK; STD; TZK; STCD; IMD48; ADMIO2; ZAP-70
NCBI Protein Information	tyrosine-protein kinase ZAP-70
UniProt Protein Name	Tyrosine-protein kinase ZAP-70
UniProt Gene Name	ZAP70
UniProt Synonym Gene Names	SRK

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://stage.aaabiotech.com/human-mouse-rat-antibody/zap-70/112136>