

Rabbit Zap-70 Polyclonal Antibody | anti-Zap-70 antibody

Zap-70 (Phospho-Tyr319) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA305767	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Zap-70; Polyclonal Antibody; Zap-70 (Phospho-Tyr319) Antibody; SRK; STD; TZK; STCD; ZAP-70; anti-Zap-70 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of VEGFR2 only when phosphorylated at tyrosine 1214.
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography use
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	619
Applicable Applications for anti-Zap-70 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 319 (S-P-Y(p)-S-D) derived from Human Zap-70.
Modification	Phospho-Tyr319
Target Name	Zap-70
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from HL60 cells, treated with calf intestinal phosphatase (CIP), using Zap-70 (Phospho-Tyr319) Antibody.



IF (Immunofluorescence)

Immunofluorescence staining of methanol-fixed Hela cells using Zap-70(Phospho-Tyr319) Antibody.



WB (Western Blot)

Western blot analysis of extracts from Jurkat cells using Zap-70(Phospho-Tyr319) Antibody (Lane 2) and the same antibody preincubated with blocking peptide(Lane1).

ADDITIONAL INFORMATION

Related Product Information for anti-Zap-70 antibody	Plays a role in T-cell development and lymphocyte activation. Essential for TCR-mediated IL-2 production. Isoform 1 induces TCR-mediated signal transduction, isoform 2 does not.
Product Categories/Family for anti-Zap-70 antibody	Phospho-specific Ab

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 (TCR) associated protein kinase 70kDa
NCBI Official Symbol	ZAP70
NCBI Official Synonym Symbols	SRK; STD; TZK; STCD; 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
UniProt Entry Name	ZAP70_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://stage.aaabiotech.com/polyclonal/zap-70-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/305767>