Rabbit anti-Human, Mouse ZAP70 Polyclonal Antibody | anti-ZAP70 antibody

Anti-ZAP70 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA260870	**Rabbit**	**Human, Mouse**	**Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

ZAP70; Polyclonal Antibody; Anti-ZAP70 Antibody; SRK; Tyrosine-protein kinase ZAP-70; 70 kDa zeta-chain associated protein; Syk-related tyrosine kinase; anti-ZAP70 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of ZAP70 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.
Sequence Length	619
Applicable Applications for anti-ZAP70 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ZAP70. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescent analysis of ZAP70 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

IHC (Immunohiostchemistry)
Immunohistochemical analysis of ZAP70 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

WB (Western Blot)
Western blot analysis of ZAP70 expression in MCF7 (A) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-ZAP70 antibody	Rabbit polyclonal antibody to ZAP70

NCBI AND UNIPROT INFORMATION

NCBI GI #	1177044
NCBI GeneID	7535
UniProt Accession #	P43403; Q6PIA4; Q8IXD6; Q9UBS6; A6NFP4
Molecular Weight	55,873 Da
NCBI Official Full Name	Tyrosine-protein kinase ZAP-70
NCBI Official Synonym Full Names	zeta chain of T cell receptor 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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