

Product datasheet for **TA366750S**

ZAP70 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Jurkat cells and mouse thymus tissue IHC: 25-100 Positive control: Human liver cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human ZAP70
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	70 kDa
Gene Name:	zeta chain of T cell receptor associated protein kinase 70kDa
Database Link:	Entrez Gene 7535 Human P43403



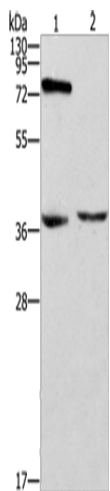
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Background:

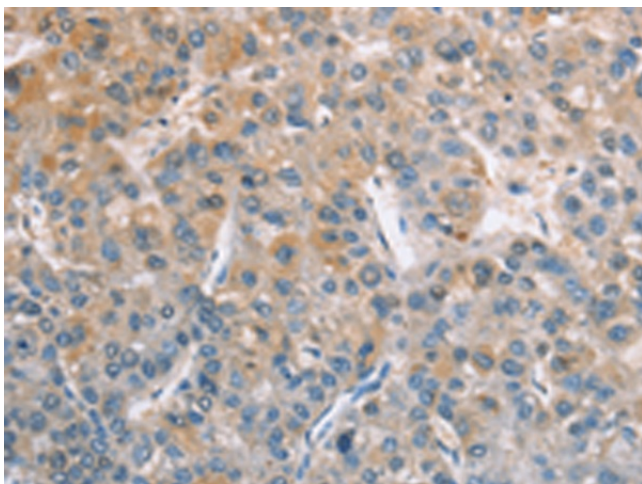
This gene encodes an enzyme belonging to the protein tyrosine kinase family, and it plays a role in T-cell development and lymphocyte activation. This enzyme, which is phosphorylated on tyrosine residues upon T-cell antigen receptor (TCR) stimulation, functions in the initial step of TCR-mediated signal transduction in combination with the Src family kinases, Lck and Fyn. This enzyme is also essential for thymocyte development. Mutations in this gene cause selective T-cell defect, a severe combined immunodeficiency disease characterized by a selective absence of CD8-positive T-cells. Two transcript variants that encode different isoforms have been found for this gene.

Synonyms:

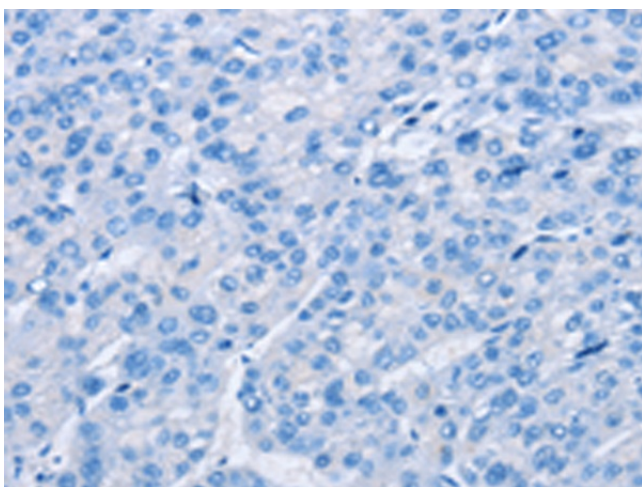
FLJ17670; FLJ17679; SRK; STD; TZK; ZAP-70

Product images:

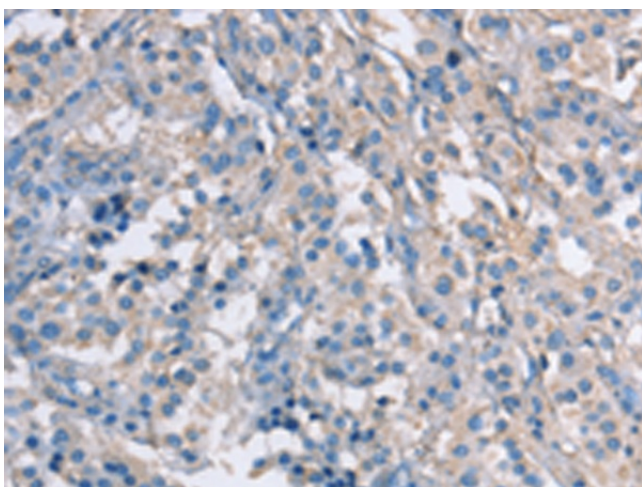
Gel: 10%SDS-PAGE
Lysate: 40 µg
Lane 1-2: Jurkat cells
mouse thymus tissue
Primary antibody: [TA366750] (ZAP70 Antibody)
at dilution 1/1000
Secondary antibody: Goat anti rabbit IgG at
1/8000 dilution
Exposure time: 40 seconds



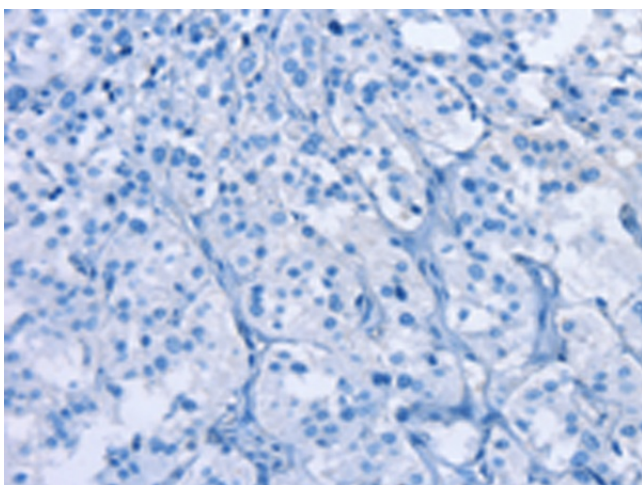
Immunohistochemistry of paraffin-embedded
Human liver cancer tissue using [TA366750]
(ZAP70 Antibody) at dilution 1/50 (Original
magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA366750] (ZAP70 Antibody) at dilution 1/50, treated with synthetic peptide. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA366750] (ZAP70 Antibody) at dilution 1/50 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA366750] (ZAP70 Antibody) at dilution 1/50, treated with synthetic peptide. (Original magnification: $\times 200$)