

CABP1435

Product Information

Product SKU:	CABP1435	Gene ID:	7535	Size:	20uL, 100uL
Clone No:	ARC59392	Host Species:	Rabbit	Reactivity:	Human

Additional Information

Observed MW:	Refer to figures	Conjugate:	Unconjugated
Calculated MW:	70kDa	Isotype:	IgG

Immunogen Information

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.

Recommended Dilution: IF/ICC, 1:50 - 1:200

Synonyms: ZAP70; ADMIO2; IMD48; SRK; STCD; STD; TZK; ZAP-70; tyrosine-protein kinase ZAP-70; Phospho-ZAP70-Y493

Purification Method: Affinity purification

Immunogen: A synthetic phosphorylated peptide around Y493 of human ZAP70.

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH 7.3.