

CABP0467

Product Information

Product SKU:	CABP0467	Gene ID:	7535	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Human

Additional Information

Observed MW:	70kDa	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: WB,1:500 - 1:2000 IP,0.5μg-4μg antibody for 200μg-400μg extracts of whole cells

Synonyms: SRK; STD; TZK; STCD; IMD48; ADMIO2; ZAP-70; Phospho-ZAP70-Y319

Purification Method: Affinity purification

Immunogen: A synthetic phosphorylated peptide around Y319 of human ZAP70 (NP_001070.2).

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.