

ZAP70 (phospho Tyr315/Tyr319) antibody

Cat. No. GTX12869

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB
Reactivity	Human

Package
50 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	Assay dependent
Not tested in other applications.	

Calculated MW 70 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 0.1% BSA, 50% Glycerol
Preservative	0.05% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	Batch dependent (Please refer to the vial label for the specific concentration.)
Immunogen	The antiserum was produced against a chemically synthesized phosphopeptide derived from the region of human ZAP-70 that contains tyrosines 315 and 319. The sequence is conserved in mouse.
Purification	Purified by antigen-affinity chromatography
Conjugation	Unconjugated

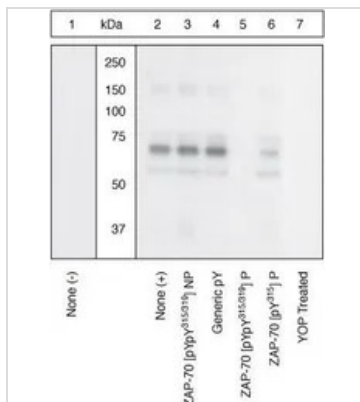
Note

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DATA IMAGES

GTX12869 WB Image

WB (peptide competition) analysis of Jurkat cells treated with H₂O₂ (Lane 2-6) using GTX12869 ZAP70 (phospho Tyr315/Tyr319) antibody prior incubated with the non-phosphopeptide corresponding to the immunogen (Lane 3), a generic phosphotyrosine-containing peptide (Lane 4) the phosphopeptide immunogen (Lane 5) or, the phosphopeptide corresponding to ZAP-70 (pY315) (Lane 6) control. The data show that only the immunogen phosphopeptide blocks the signal, demonstrating the specificity of the antibody. The membrane treated with phosphatase (Lane 7) eliminates the signal further verifying that the antibody is phospho-specific.



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