

# Phospho-LAT (Tyr220) Polyclonal Antibody

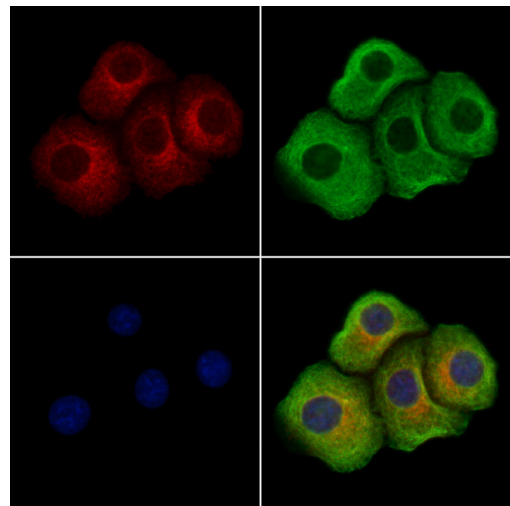
Product Details	
Size	100 µL
Species Reactivity	Human, Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human LAT(Accession O43561), corresponding to amino acid residues around phosphorylated Tyr220.
Form	Liquid
Concentration	1 mg/mL
Purification	sequential chromatography
Storage buffer	PBS, pH 7.4, with 50% glycerol
Contains	0.02% sodium azide
Storage conditions	-20°C
RRID	AB_2816597

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:2,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:100	-
Immunocytochemistry (ICC/IF)	1:100-1:500	-

## Product Specific Information

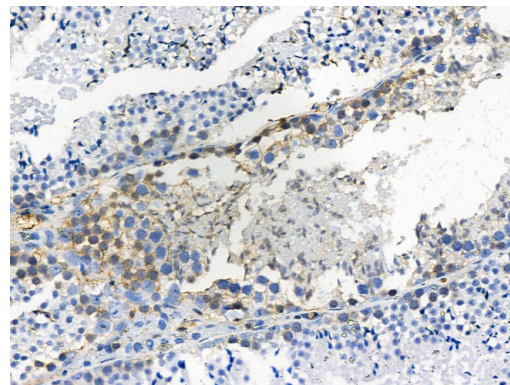
Antibody detects endogenous levels of LAT only when phosphorylated at Tyr220, which site historically referenced as Tyr191.

Product Images For Phospho-LAT (Tyr220) Polyclonal Antibody



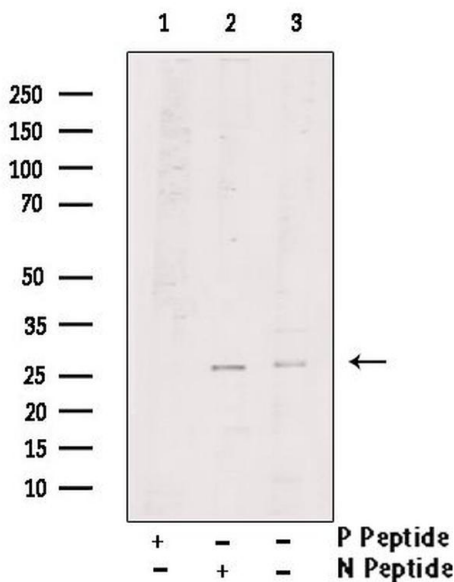
Phospho-LAT (Tyr220) Antibody (PA5-105124) in ICC/IF

Immunocytochemistry analysis of Phospho-LAT (Tyr220) in HeLa cells (4h of LPS treatment). The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were incubated with Phospho-LAT (Tyr220) polyclonal antibody (Product # PA5-105124) 1:200 and mouse anti-beta tubulin antibody (1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) (Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) (Green) were used as the secondary antibodies. The nuclear counter stain is DAPI (blue).



Phospho-LAT (Tyr220) Antibody (PA5-105124) in IHC (P)

Immunohistochemistry analysis of Phospho-LAT (Tyr220) in mouse testis tissue. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. Samples were incubated with Phospho-LAT (Tyr220) polyclonal antibody (Product # PA5-105124) using a dilution of 1:100 (4° C overnight) followed by HRP conjugated anti-Rabbit secondary antibody.



Phospho-LAT (Tyr220) Antibody (PA5-105124) in WB

Western blot analysis of Phospho-LAT (Tyr191, Tyr220) in HeLa cell lysate (Lane 1: treated with phospho-blocking peptide; Lane 2: treated with non-phospho-blocking peptide). Samples were incubated with Phospho-LAT (Tyr191, Tyr220) polyclonal antibody (Product # PA5-105124).

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