

Product Datasheet

LAT [p Tyr191] Antibody (2E4) - BSA Free NBP3-15162

Unit Size: 100 ul

Store at -20 to -70C. Avoid freeze-thaw cycles.

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NBP3-15162

LAT [p Tyr191] Antibody (2E4) - BSA Free

Product Information

Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20 to -70C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2E4
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, pH 7.4, 150mM NaCl, and 50% glycerol

Product Description

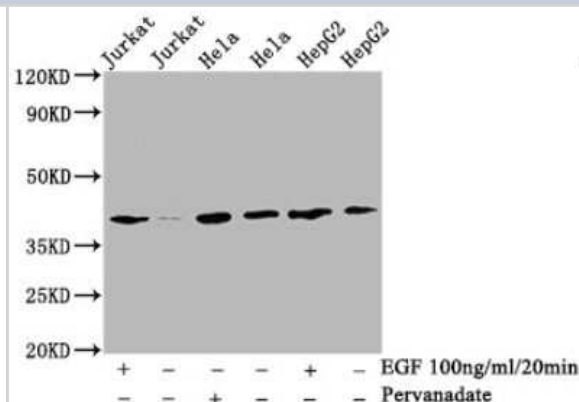
Host	Rabbit
Gene ID	27040
Gene Symbol	LAT
Species	Human
Immunogen	A synthesized peptide derived from human Phospho-LAT (Y191). UniProt ID (O43561).

Product Application Details

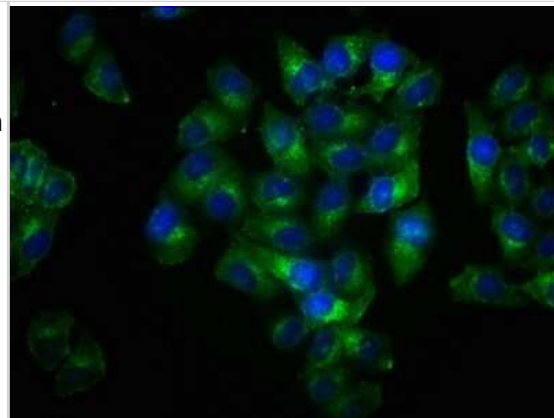
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:5000, ELISA, Immunohistochemistry 1:50-1:200, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation

Images

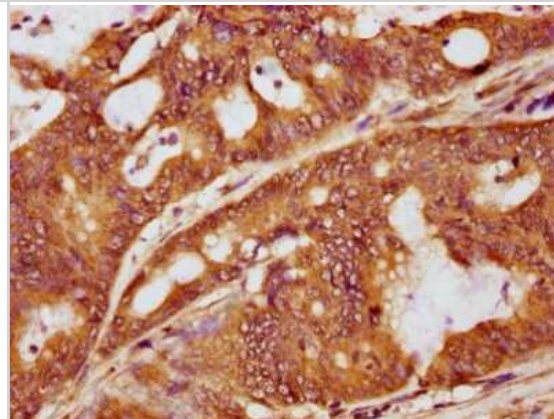
Western Blot: LAT [p Tyr191] Antibody (2E4) [NBP3-15162] - Positive WB detected in: Jurkat whole cell lysate, Hela whole cell lysate, HepG2 whole cell lysate (treated with EGF or Pervanadate). All lanes: LAT antibody at 2.9ug/ml. Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 38 KDa. Observed band size: 38 KDa.



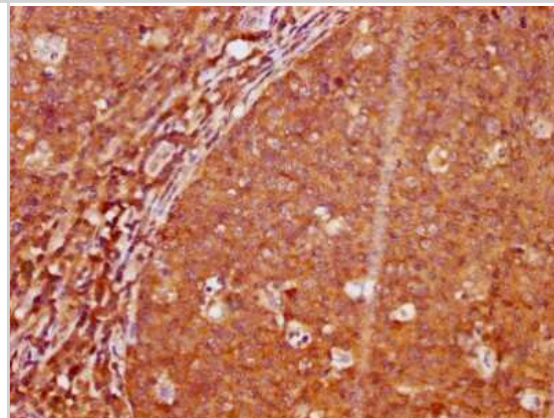
Immunocytochemistry/Immunofluorescence: LAT [p Tyr191] Antibody (2E4) [NBP3-15162] - Immunofluorescence staining of Hela cells with at LAT antibody 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG (H+L).



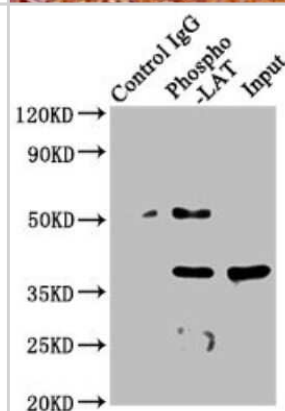
Immunohistochemistry: LAT [p Tyr191] Antibody (2E4) [NBP3-15162] - IHC image of LAT antibody diluted at 1:100 and staining in paraffin-embedded human colon cancer. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30 minutes at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunohistochemistry: LAT [p Tyr191] Antibody (2E4) [NBP3-15162] - IHC image of LAT antibody diluted at 1:100 and staining in paraffin-embedded human tonsil tissue. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30 minutes at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunoprecipitation: LAT [p Tyr191] Antibody (2E4) [NBP3-15162] - Immunoprecipitating LAT in A549 whole cell lysate. Lane 1: Rabbit control IgG (1ug) instead of LAT antibody in A549 whole cell lysate. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000). Lane 2: LAT antibody (3ug) + A549 whole cell lysate (1mg). Lane 3: A549 whole cell lysate (20ug).





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NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-72479-50ug	Recombinant Human LAT His Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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