

Product Datasheet

LAT Antibody NB100-1441

Unit Size: 0.1 mg

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

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NB100-1441

LAT Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat LAT Antibody (NB100-1441) is a polyclonal antibody validated for use in WB and ELISA. Anti-LAT Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	27040
Gene Symbol	LAT
Species	Human, Mouse, Rat
Specificity/Sensitivity	This antibody is expected to recognize isoform a (NP_055202.1), isoform b (NP_001014987.1 and NP_001014989.1) and isoform c (NP_001014988.1).
Immunogen	Peptide with sequence C-GAPDYENLQELN corresponding to C-Terminus according to NP_055202.1, NP_001014987.1, NP_001014989.1, NP_001014988.1.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 0.01 - 0.03 ug/ml, Peptide ELISA Detection limit 1:2000
Application Notes	WB: Approx. 37 kDa band observed in human lymph node and peripheral Blood mononucleocytes lysates and in mouse and rat thymus lysates (calculated MW of 27.9 kDa band according to NP_055202.1). The observed molecular weight corresponds to earlier findings with different antibodies from other sources.

Images

Western Blot: LAT Antibody [NB100-1441] - (0.01ug/ml) staining of peripheral blood mononucleocytes lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Publications

Finco TS, Kadlecsek T, Zhang W et al. LAT is required for TCR-mediated activation of PLCgamma1 and the Ras pathway. *Immunity* 1998-11-01 [PMID: 9846483]





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Products Related to NB100-1441

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

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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