

# Product Datasheet

## LIGHT/TNFSF14 Antibody

### NBP1-51981

Unit Size: 0.1 mg

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

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**NBP1-51981**

## LIGHT/TNFSF14 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 LIGHT/TNFSF14 Antibody (NBP1-51981) is a polyclonal antibody validated for use in WB, ELISA and ICC/IF. Anti-LIGHT/TNFSF14 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	8740
Gene Symbol	TNFSF14
Species	Human
Specificity/Sensitivity	This antibody is expected to recognize both reported isoforms (NP_003798.2; NP_742011.1).
Immunogen	Peptide with sequence C-HEVNPA AHLTGANS corresponding to internal region according to NP_003798.2, NP_742011.1.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Peptide ELISA
Recommended Dilutions	Western Blot 0.03 - 0.1 ug/mL, Immunocytochemistry/ Immunofluorescence 10 ug/mL, Peptide ELISA Detection limit 1:64000
Application Notes	WB: Approx. 22 kDa band observed in human brain (cerebellum and frontal cortex) lysates (calculated MW of 22.4 kDa band according to NP_742011.1).

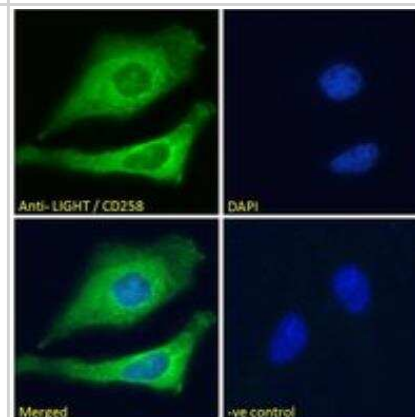


## Images

Western Blot: LIGHT/TNFSF14 Antibody [NBP1-51981] - Staining of human cerebellum (A) and frontal cortex (B) lysate (35 ug protein in RIPA buffer). Antibody at 0.03 ug/mL. Detected by chemiluminescence.



Immunocytochemistry/Immunofluorescence: LIGHT/TNFSF14 Antibody [NBP1-51981] - Analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL), showing cytoplasmic and membrane staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL).



## Publications

Cohavy O, Zhou J, Ware CF, Targan SR LIGHT is constitutively expressed on T and NK cells in the human gut and can be induced by CD2-mediated signaling J Immunol 2005-01-15 [PMID: 15634882]



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### **Products Related to NBP1-51981**

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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

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### **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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