

Product Datasheet

ALS2CR2 Antibody NB100-1181

Unit Size: 0.1 mg

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

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Publications: 1

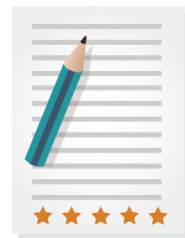
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NB100-1181**ALS2CR2 Antibody**

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

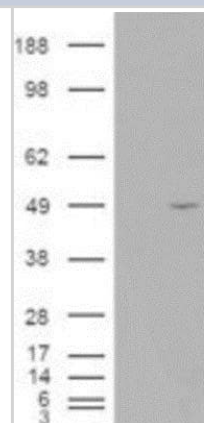
Product Description	
Description	Novus Biologicals Goat ALS2CR2 Antibody (NB100-1181) is a polyclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-ALS2CR2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	55437
Gene Symbol	STRADB
Species	Human
Specificity/Sensitivity	This is expected to recognise both human isoforms: ILPIP-alpha (NP_061041.2) and ILPIP-beta (AAF71042.1).
Immunogen	Peptide with sequence CDFPDEKDSYWEF corresponding to C-Terminus according to NP_061041.2, AAF71042.1.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Western Blot 1 - 3 ug/mL, Immunohistochemistry 3 - 5 ug/mL, Immunocytochemistry/ Immunofluorescence 10 ug/mL, Immunohistochemistry-Paraffin 3 - 5 ug/mL, Peptide ELISA Detection limit 1:32000
Application Notes	WB: Approx. 35 kDa band observed in human heart, liver and muscle lysates (calculated MW of 47.0 kDa band according to NP_061041.2 (alpha isoform) and 31.2 kDa band according to AAF71042.1(beta isoform). In transfected HEK293 transiently expressing ILPIP a band of approx. 48 kDa is observed. This band is not observed in the non-transfected HEK293. IHC-P: Human heart shows staining of myocardial fibres in transverse section.

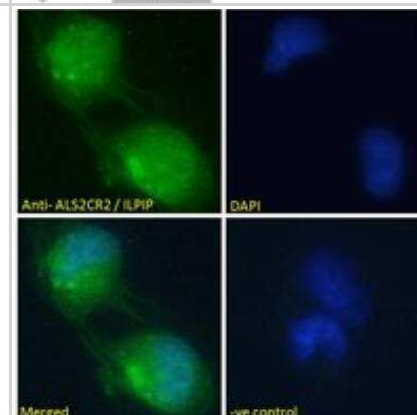


Images

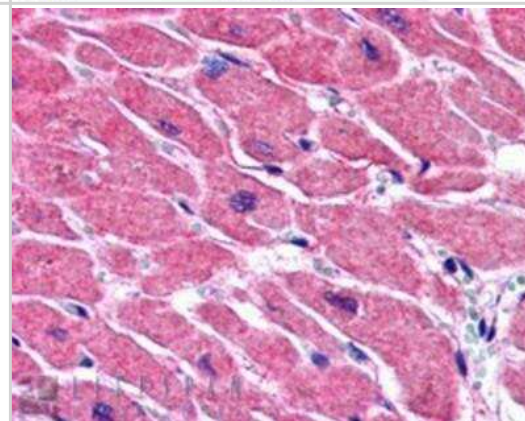
Western Blot: ALS2CR2 Antibody [NB100-1181] - HEK293 overexpressing ILPIP and probed with (mock transfection in first lane).



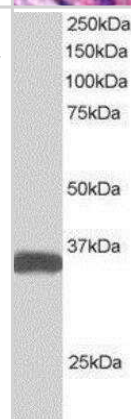
Immunocytochemistry/Immunofluorescence: ALS2CR2 Antibody [NB100-1181] - Analysis of paraformaldehyde fixed U251 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL), showing nuclear and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL).



Immunohistochemistry: ALS2CR2 Antibody [NB100-1181] - Staining of paraffin embedded Human Heart. Antibody at 3.8 ug/mL. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blot: ALS2CR2 Antibody [NB100-1181] - Staining of Human Heart lysate (35 ug protein in RIPA buffer). Antibody at 1 ug/mL. Primary incubation was 1 hour. Detected by chemiluminescence.



Publications

Sanna MG, da Silva Correia J, Luo Y et al. ILPIP, a novel anti-apoptotic protein that enhances XIAP-mediated activation of JNK1 and protection against apoptosis. J Biol Chem 2002-08-23 [PMID: 12048196]



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Products Related to NB100-1181

NB820-59217	Human Heart Whole Tissue Lysate (Adult Whole Normal)
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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