

Product Datasheet

LARP6 Antibody - Azide and BSA Free H00055323-B01P

Unit Size: 0.05 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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Publications: 13

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H00055323-B01P

LARP6 Antibody - Azide and BSA Free

Product Information	
Unit Size	0.05 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH 7.4)

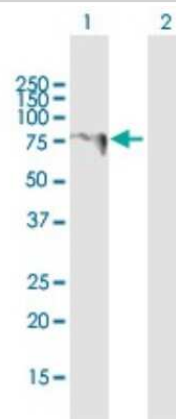
Product Description	
Description	Novus Biologicals Mouse LARP6 Antibody - Azide and BSA Free (H00055323-B01P) is a polyclonal antibody validated for use in WB, ICC/IF and IP. Anti-LARP6 Antibody: Cited in 13 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	55323
Gene Symbol	LARP6
Species	Human, Mouse
Specificity/Sensitivity	LARP6 - La ribonucleoprotein domain family, member 6,
Immunogen	LARP6 (NP_060827, 1 a.a. - 491 a.a.) full-length human protein. MAQSGGEARPGPKTAVQIRVAIQEAEDVDELEDEEEGAETRGAGDPARYLSP GWGSASEEEPSRGHSGTTASGGGENEREDLEQEWKPPDEELIKKLVDQIEFYF SDENLEKDAFLLKHVRRNKLGYVSVKLLTSFKKVKHLTRDWRTTAHALKYSVVL ELNEDHRKVRRTPVPLFPNENLPSKMMLLVYDLYLSPKLWALATPQKNGRVQE KVMEHLLKLFGTFGVISSVRILKPGRELPPDIRRISSRYSQVGTQECAIVEFEEV EAAIKAHEFMITESQGKENMKAVLIGMKPPKKKPAKDKNHDEEPTASIHNLNKS LNRVEELQYMGDESSANSSSDPESNPTSPMAGRRHAATNKLSPSGHQNLFLS PNASPCTSPWSSPLAQRKGVSRSPLAEEGRLNCSTSPEIFRKCMDYSSDSS VTPSGSPWVRRRRQAEMGTQEKSPGTSPLLSRKMQTADGLPVGVLRLPRGP DNTRGFHGHHERSRACV
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:2000, Immunoprecipitation
Application Notes	Antibody reactive against Recombinant Protein with GST tag on ELISA and Western Blot and also on transfected lysate in western blot. GST tag alone is used as a negative control.

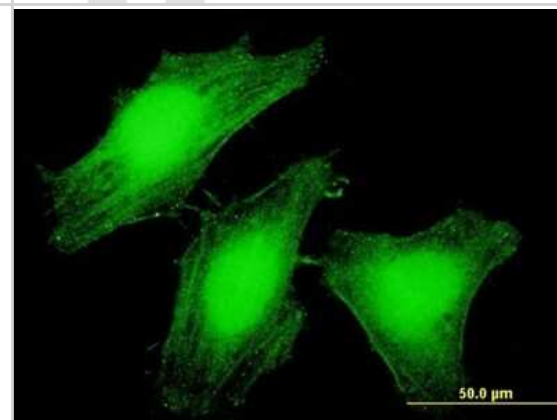


Images

Western Blot: LARP6 Antibody [H00055323-B01P] - Analysis of LARP6 expression in transfected 293T cell line by LARP6 polyclonal antibody. Lane 1: LARP6 transfected lysate(54.01 KDa). Lane 2: Non-transfected lysate.



Immunocytochemistry/Immunofluorescence: LARP6 Antibody [H00055323-B01P] - Analysis of purified antibody to LARP6 on HeLa cell. (antibody concentration 10 ug/ml)



Publications

- Kyung-II K, Chang-II K, Jeung-Hoon L et al. Inhibitory Effect of Mitoxantrone on Collagen Synthesis in Dermal Fibroblasts *Ann Dermatol.* 2022-05-20 [PMID: 35721328]
- Slocum E, Craig A, Villanueva A, Germain D et al. Parity predisposes breasts to the oncogenic action of PAPP-A and activation of the collagen receptor DDR2. *Breast Cancer Res.* 2019-05-02 [PMID: 31046834]
- Zhang Y, Stefanovic B. mTORC1 phosphorylates LARP6 to stimulate type I collagen expression. *Sci Rep* 2017-01-23 [PMID: 28112218]
- Zhang Y, Stefanovic B. Akt mediated phosphorylation of LARP6; critical step in biosynthesis of type I collagen. *Sci Rep* 2016-03-02 [PMID: 26932461] (WB)
- Challa AA, Stefanovic B. A Novel Role of Vimentin Filaments: Binding and Stabilization of Collagen mRNAs. *Mol Cell Biol.* 2011-07-11 [PMID: 21746880]
- Manojlovic Z, Stefanovic B. A novel role of RNA helicase A in regulation of translation of type I collagen mRNAs. *RNA.* 2011-12-21 [PMID: 22190748]
- Manojlovic Z, Blackmon J, Stefanovic B. Tacrolimus (FK506) Prevents Early Stages of Ethanol Induced Hepatic Fibrosis by Targeting LARP6 Dependent Mechanism of Collagen Synthesis. *PLoS One.* 2013-06-03 [PMID: 23755290]
- Vukmirovic M, Manojlovic Z, Stefanovic B. Serine-Threonine Kinase Receptor-Associated Protein (STRAP) Regulates Translation of Type I Collagen mRNAs. *Mol Cell Biol.* 2013-08-05 [PMID: 23918805]
- Blackstock C, Higashi Y, Sukhanov S et al. Insulin-Like Growth Factor-1 Increases Synthesis of Collagen Type I via Induction of the mRNA-Binding Protein LARP6 Expression and Binding to the 5' Stem-loop of Col1a1 and Col1a2 mRNA. *J Biol Chem.* 2014-01-27 [PMID: 24469459]
- Wang H, Stefanovic B. Role of LARP6 and Nonmuscle Myosin in Partitioning of Collagen mRNAs to the ER Membrane. *PLoS One.* 2014-10-01 [PMID: 25271881]
- Stefanovic L, Longo L, Zhang Y et al. Characterization of binding of LARP6 to the 5' stem-loop of collagen mRNAs: Implications for synthesis of type I collagen RNA *Biol.* 2014-11-02 [PMID: 25692237] (WB, Human)
- Cai L, Fritz D, Stefanovic L et al. Nonmuscle Myosin-Dependent Synthesis of Type I Collagen. *J Mol Biol.* 2010-07-13 [PMID: 20603131]
- More publications at <http://www.novusbio.com/H00055323-B01P>



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Products Related to H00055323-B01P

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97019-5mg	Mouse IgG Isotype Control
H00055323-P01-10ug	Recombinant Human LARP6 GST (N-Term) 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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