

Anti-LRSAM1 antibody ab73113

[8 References](#) [2 Images](#)

Overview

Product name	Anti-LRSAM1 antibody
Description	Mouse polyclonal to LRSAM1
Host species	Mouse
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Recombinant full length protein within Human LRSAM1. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please contact our Scientific Support team to discuss your requirements.
Positive control	Human liver tissue lysate; LRSAM1-transfected 293T cell lysate.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.4 Constituent: PBS
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab73113 in the following tested applications.

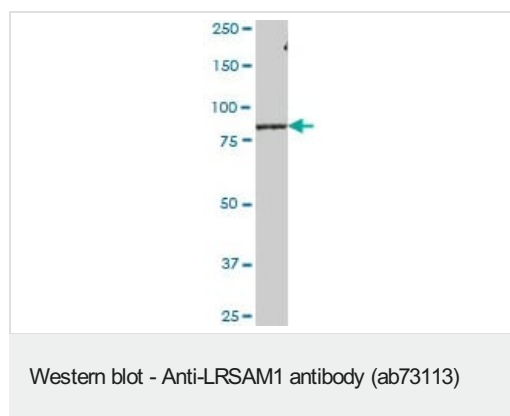
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/1000. Predicted molecular weight: 84 kDa.

Target

Function	E3 ubiquitin-protein ligase that mediates monoubiquitination of TSG101 at multiple sites, leading to inactivate the ability of TSG101 to sort endocytic (EGF receptors) and exocytic (HIV-1 viral proteins) cargos.
Tissue specificity	Highly expressed in adult spinal cord motoneurons as well as in fetal spinal cord and muscle tissue.
Pathway	Protein modification; protein ubiquitination.
Involvement in disease	Charcot-Marie-Tooth disease 2P (CMT2P) [MIM:614436]: An axonal form of Charcot-Marie-Tooth disease, a disorder of the peripheral nervous system, characterized by progressive weakness and atrophy, initially of the peroneal muscles and later of the distal muscles of the arms. Charcot-Marie-Tooth disease is classified in two main groups on the basis of electrophysiologic properties and histopathology: primary peripheral demyelinating neuropathies (designated CMT1 when they are dominantly inherited) and primary peripheral axonal neuropathies (CMT2). Neuropathies of the CMT2 group are characterized by signs of axonal degeneration in the absence of obvious myelin alterations, normal or slightly reduced nerve conduction velocities, and progressive distal muscle weakness and atrophy. Nerve conduction velocities are normal or slightly reduced. Note=The disease is caused by mutations affecting the gene represented in this entry.
Sequence similarities	Contains 6 LRR (leucine-rich) repeats. Contains 1 RING-type zinc finger. Contains 1 SAM (sterile alpha motif) domain.
Domain	The coiled coil domains interact with the SB domain of TSG101. The PTAP motifs mediate the binding to UEV domains.
Cellular localization	Cytoplasm. Displays a punctuate distribution and localizes to a submembranal ring.

Images



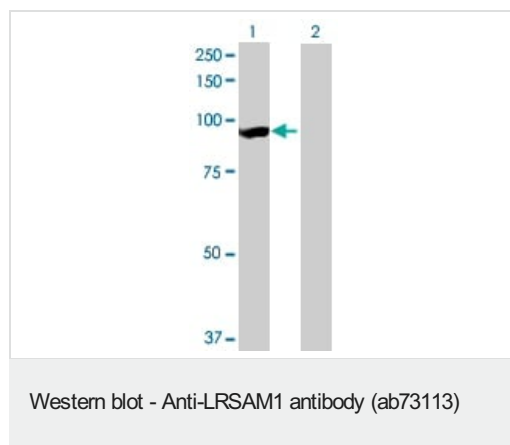
Anti-LRSAM1 antibody (ab73113) at 1/500 dilution + Human liver tissue lysate at 25 µg

Secondary

HRP-conjugated Goat Anti-Mouse IgG at 1/2500 dilution

Predicted band size: 84 kDa

Observed band size: 84 kDa



All lanes : Anti-LRSAM1 antibody (ab73113) at 1/500 dilution

Lane 1 : LRSAM1-transfected 293T cell lysate

Lane 2 : Non-transfected 293T cell lysate

Lysates/proteins at 25 µg per lane.

Secondary

All lanes : HRP-conjugated Goat Anti-Mouse IgG at 1/2500 dilution

Predicted band size: 84 kDa

Observed band size: 84 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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