

LRSAM1 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12973A**Specification**

LRSAM1 Antibody (N-term) - Product Information

Application	IHC-P, WB,E
Primary Accession	Q6UWE0
Other Accession	Q80ZI6 , NP_612370.3 , NP_001177652.1
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	83594
Antigen Region	1-30

LRSAM1 Antibody (N-term) - Additional Information**Gene ID** 90678**Other Names**

E3 ubiquitin-protein ligase LRSAM1, 632-, Leucine-rich repeat and sterile alpha motif-containing protein 1, Tsg101-associated ligase, hTAL, LRSAM1, TAL

Target/Specificity

This LRSAM1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human LRSAM1.

Dilution

IHC-P~~1:10~50

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

LRSAM1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

LRSAM1 Antibody (N-term) - Protein Information**Name** LRSAM1 {ECO:0000303|PubMed:20865121}

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 (PubMed:[15256501](#)). Bacterial recognition protein that defends the cytoplasm from invasive pathogens (PubMed:[23245322](#)). Localizes to several intracellular bacterial pathogens and generates the bacteria-associated ubiquitin signal leading to autophagy-mediated intracellular bacteria degradation (xenophagy) (PubMed:[23245322](#), PubMed:[25484098](#)).

Cellular Location

Cytoplasm. Note=Displays a punctuate distribution and localizes to a submembranal ring (PubMed:15256501). Localizes to intracellular bacterial pathogens (PubMed:23245322)

Tissue Location

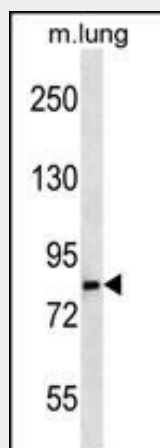
Highly expressed in adult spinal cord motoneurons as well as in fetal spinal cord and muscle tissue

LRSAM1 Antibody (N-term) - Protocols

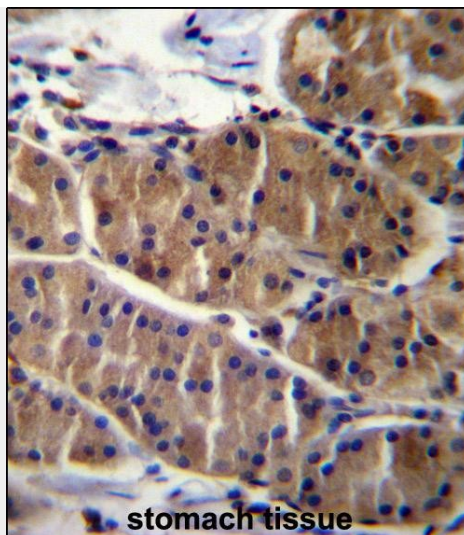
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

LRSAM1 Antibody (N-term) - Images



LRSAM1 Antibody (N-term) (Cat. #AP12973a) western blot analysis in mouse lung tissue lysates (35ug/lane). This demonstrates the LRSAM1 antibody detected the LRSAM1 protein (arrow).



LRSAM1 Antibody (N-term) (Cat. #AP12973a) immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of LRSAM1 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

LRSAM1 Antibody (N-term) - Background

LRSAM1 is a multifunctional RING finger protein that selectively regulates cell adhesion molecules, has ubiquitin ligase activity, and plays a role in receptor endocytosis and viral budding (Li et al., 2003 [PubMed 14635195]; Amit et al., 2004 [PubMed 15256501]).

LRSAM1 Antibody (N-term) - References

Markson, G., et al. Genome Res. 19(10):1905-1911(2009)
van Wijk, S.J., et al. Mol. Syst. Biol. 5, 295 (2009) :
McDonald, B., et al. Mol. Biol. Cell 19(2):754-763(2008)
Amit, I., et al. Genes Dev. 18(14):1737-1752(2004)
Li, B., et al. J. Cell. Biochem. 90(6):1224-1241(2003)