10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

LRSAM1 Antibody (N-term) Blocking peptide

Synthetic peptide
Catalog # BP12973a

Specification

LRSAM1 Antibody (N-term) Blocking peptide - Product Information

Primary Accession	Q6UWE0

LRSAM1 Antibody (N-term) Blocking peptide - 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

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

LRSAM1 Antibody (N-term) Blocking peptide - 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

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

LRSAM1 Antibody (N-term) Blocking peptide - Protocols

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

- Blocking Peptides

LRSAM1 Antibody (N-term) Blocking peptide - Images

LRSAM1 Antibody (N-term) Blocking peptide - Background

LRSAM1 is a multifunctional RING finger protein thatselectively regulates cell adhesion molecules, has ubiquitin ligaseactivity, and plays a role in receptor endocytosis and viralbudding (Li et al., 2003 [PubMed 14635195]; Amit et al., 2004[PubMed 15256501]).

LRSAM1 Antibody (N-term) Blocking peptide - 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)