

STAMBPL1 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP5326c**Specification**

STAMBPL1 Antibody (Center) Blocking peptide - Product Information

Primary Accession [O96FJ0](#)
Other Accession [NP_065850.1](#)

STAMBPL1 Antibody (Center) Blocking peptide - Additional Information

Gene ID 57559

Other Names

AMSH-like protease, AMSH-LP, 3419-, STAM-binding protein-like 1, STAMBPL1, AMSHLP, KIAA1373

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.

STAMBPL1 Antibody (Center) Blocking peptide - Protein Information

Name STAMBPL1 {ECO:0000303|PubMed:35114100, ECO:0000312|HGNC:HGNC:24105}

Function

Zinc metalloprotease that specifically cleaves 'Lys-63'-linked polyubiquitin chains (PubMed:18758443, PubMed:35114100). Acts as a positive regulator of the TORC1 signaling pathway by mediating 'Lys-63'-linked deubiquitination of SESN2, thereby inhibiting SESN2- interaction with the GATOR2 complex (PubMed:35114100). Does not cleave 'Lys-48'-linked polyubiquitin chains (PubMed:18758443).

Tissue Location

Ubiquitously expressed.

STAMBPL1 Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

STAMBPL1 Antibody (Center) Blocking peptide - Images

STAMBPL1 Antibody (Center) Blocking peptide - Background

STAMBPL1 is zinc metalloprotease that specifically cleaves 'Lys-63'-linked polyubiquitin chains. Does not cleave 'Lys-48'-linked polyubiquitin chains.

STAMBPL1 Antibody (Center) Blocking peptide - References

Reyes-Ibarra, A.P., et al. Mol. Endocrinol. 21(6):1394-1407(2007) Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007) Nakamura, M., et al. Genes Cells 11(6):593-606(2006)