

STAMBPL1 Antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI16074**Specification**

STAMBPL1 Antibody - C-terminal region - Product Information

Application	WB
Primary Accession	Q96FJ0
Reactivity	Human, Rat, Rabbit, Pig, Horse, Guinea Pig
Predicted	Human, Rat, Rabbit, Pig, Horse, Guinea Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	47kDa KDa

STAMBPL1 Antibody - C-terminal region - Additional Information**Gene ID** 57559

Alias Symbol **STAMBPL1, AMSHLP, KIAA1373,**
Other Names
AMSH-like protease, AMSH-LP, 3.4.19.-, STAM-binding protein-like 1, STAMBPL1, AMSHLP, KIAA1373

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 µl of distilled water. Final Anti-STAMBPL1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.

Precautions

STAMBPL1 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

STAMBPL1 Antibody - C-terminal region - 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).

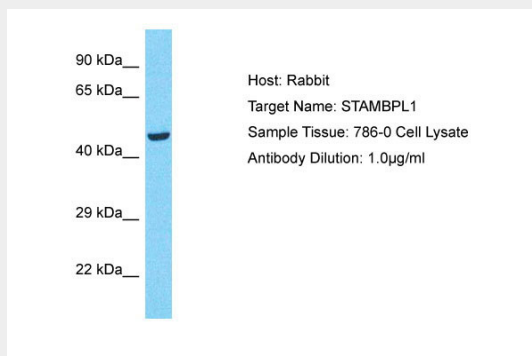
Tissue Location

Ubiquitously expressed.

STAMBPL1 Antibody - C-terminal region - 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](#)

STAMBPL1 Antibody - C-terminal region - Images

Host: Rabbit
Target Name: STAMBPL1
Sample Tissue: 786-0 Whole Cell lysates
Antibody Dilution: 1.0µg/ml

STAMBPL1 Antibody - C-terminal region - Background

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

STAMBPL1 Antibody - C-terminal region - References

Kikuchi K., et al. Biochem. Biophys. Res. Commun. 306:637-643(2003).
Nagase T., et al. DNA Res. 7:65-73(2000).
Ota T., et al. Nat. Genet. 36:40-45(2004).
Deloukas P., et al. Nature 429:375-381(2004).
Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DBJ databases.