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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 &mu, l 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).

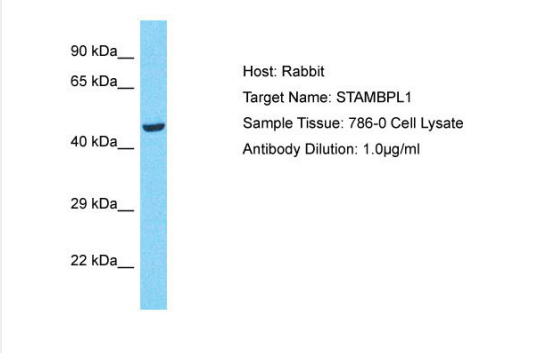
Tissue Location
Ubiquitously expressed.

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 Cytomety
- 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/DDBJ databases.