

STAMBPL1 Antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI16074

Product Information

Application	WB
Primary Accession	Q96FJ0
Reactivity	Human, Rat, Rabbit, Pig, Guinea Pig, Horse
Predicted	Human, Rat, Rabbit, Pig, Guinea Pig, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	49783

Additional Information

Gene ID	57559
Alias Symbol Other Names	STAMBPL1, AMSHLP, KIAA1373, 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 μ 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.

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.

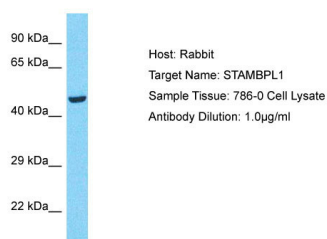
Background

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

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.

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.