

STAMBPL1 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5326C**Specification**

STAMBPL1 Antibody (Center) - Product Information

Application	WB, IHC-P, FC,E
Primary Accession	O96FJ0
Other Accession	NP_065850.1
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	49783
Antigen Region	135-163

STAMBPL1 Antibody (Center) - Additional Information**Gene ID** 57559**Other Names**

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

Target/Specificity

This STAMBPL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 135-163 amino acids from the Central region of human STAMBPL1.

Dilution

WB~~1:1000
IHC-P~~1:50~100
FC~~1:10~50

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

STAMBPL1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

STAMBPL1 Antibody (Center) - 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

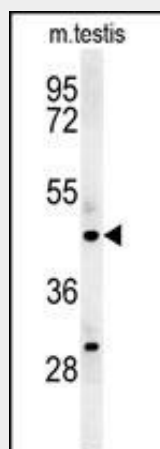
Ubiquitously expressed.

STAMBPL1 Antibody (Center) - Protocols

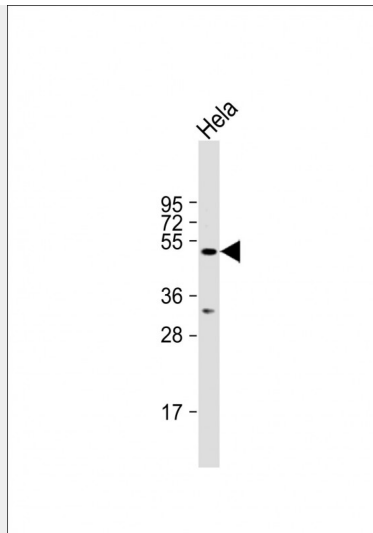
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

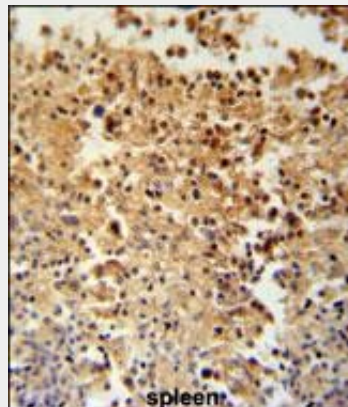
STAMBPL1 Antibody (Center) - Images



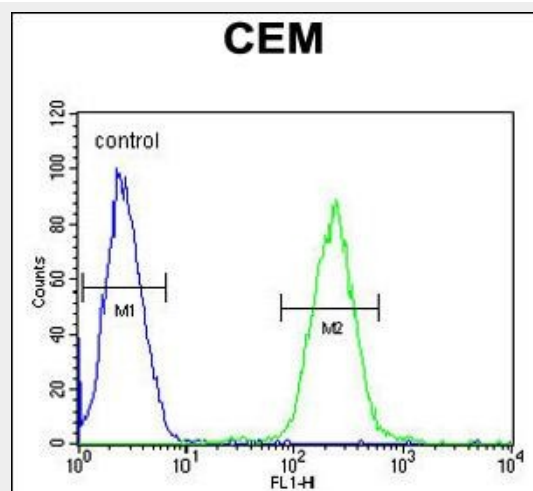
STAMBPL1 Antibody (Center)(Cat. #AP5326c) western blot analysis in mouse testis tissue lysates (35ug/lane).This demonstrates the STAMBPL1 antibody detected STAMBPL1 protein (arrow).



Anti-STAMBPL1 Antibody (Center) at 1:1000 dilution + HeLa whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 50 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



STAMBPL1 Antibody (Center) (Cat. #AP5326c) immunohistochemistry analysis in formalin fixed and paraffin embedded human spleen tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the STAMBPL1 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



STAMBPL1 Antibody (Center) (Cat. #AP5326c) flow cytometric analysis of CEM cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit

secondary antibodies were used for the analysis.

STAMBPL1 Antibody (Center) - Background

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

STAMBPL1 Antibody (Center) - 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)