

Anti-AMSH Rabbit Monoclonal Antibody
Catalog # ABO16330**Specification**

Anti-AMSH Rabbit Monoclonal Antibody - Product Information

Application	WB
Primary Accession	O95630
Host	Rabbit
Isotype	IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid

Description

Anti-AMSH Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human.

Anti-AMSH Rabbit Monoclonal Antibody - Additional Information

Gene ID 10617

Other Names

STAM-binding protein, 3.4.19.-, Associated molecule with the SH3 domain of STAM, Endosome-associated ubiquitin isopeptidase, STAMBP, AMSH {ECO:0000303|PubMed:10383417}

Calculated MW

50 kDa KDa

Application Details

WB 1:500-1:2000

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human AMSH

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-AMSH Rabbit Monoclonal Antibody - Protein Information

Name STAMBP

Synonyms AMSH {ECO:0000303|PubMed:10383417}

Function

Zinc metalloprotease that specifically cleaves 'Lys-63'- linked polyubiquitin chains (PubMed:15314065, PubMed:23542699, PubMed:34425109). Does not cleave 'Lys-48'-linked polyubiquitin chains (PubMed:15314065). Plays a role in signal transduction for cell growth and MYC induction mediated by IL-2 and GM-CSF (PubMed:10383417). Potentiates BMP (bone morphogenetic protein) signaling by antagonizing the inhibitory action of SMAD6 and SMAD7 (PubMed:11483516). Has a key role in regulation of cell surface receptor-mediated endocytosis and ubiquitin-dependent sorting of receptors to lysosomes (PubMed:15314065, PubMed:17261583). Endosomal localization of STAMBP is required for efficient EGFR degradation but not for its internalization (PubMed:15314065, PubMed:17261583). Involved in the negative regulation of PI3K-AKT-mTOR and RAS-MAP signaling pathways (PubMed:23542699).

Cellular Location

Nucleus. Membrane; Peripheral membrane protein. Cytoplasm. Early endosome

Tissue Location

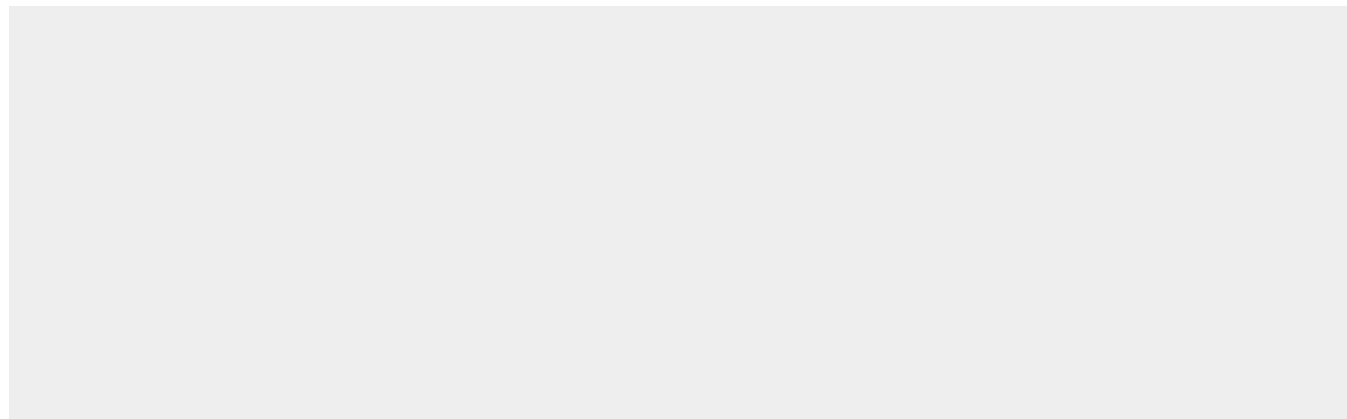
Ubiquitously expressed.

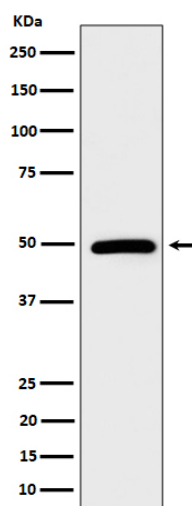
Anti-AMSH Rabbit Monoclonal Antibody - Protocols

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](#)

Anti-AMSH Rabbit Monoclonal Antibody - Images





Western blot analysis of AMSH expression in HeLa cell lysate.