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Anti-AMSH Rabbit Monoclonal Antibody

Catalog # ABO16330

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.

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	48077
Application Details	WB 1:500-1:2000
Source	Eukaryota
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.
Clone Names	Clone: 28S66
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.

Protein Information

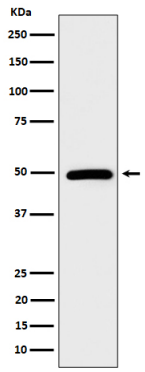
Name	STAMBP
Synonyms	AMSH {ECO:0000303|PubMed:10383417}
Function	Zinc metalloprotease that specifically cleaves 'Lys-63'- linked polyubiquitin chains (PubMed:15314065, PubMed:23542699, PubMed:34425109). Does not

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.

Images



Western blot analysis of AMSH expression in HeLa cell lysate.

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