

AMSH Rabbit mAb

Catalog # AP76388

Product Information

Application	WB
Primary Accession	O95630
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	48077

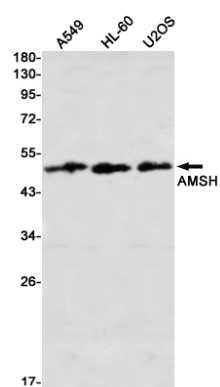
Additional Information

Gene ID	10617
Other Names	STAMBP
Dilution	WB~~1/500-1/1000
Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.

Protein Information

Name	STAMBP
Synonyms	AMSH {ECO:0000303 PubMed:10383417}
Function	<p>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).</p>
Cellular Location	Nucleus. Membrane; Peripheral membrane protein. Cytoplasm. Early endosome
Tissue Location	Ubiquitously expressed.

Images



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