

# AMSH Rabbit mAb

Catalog # AP76388

## Product Information

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Application	WB
Primary Accession	<a href="#">O95630</a>
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	48077

## Additional Information

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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.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## Protein Information

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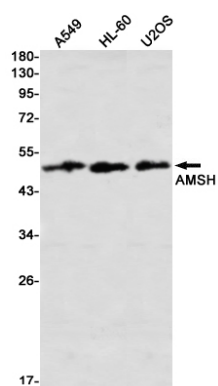
Name	STAMBP
Synonyms	AMSH {ECO:0000303   PubMed:10383417}
Function	<p>Zinc metalloprotease that specifically cleaves 'Lys-63'- linked polyubiquitin chains (PubMed:<a href="#">15314065</a>, PubMed:<a href="#">23542699</a>, PubMed:<a href="#">34425109</a>). Does not cleave 'Lys-48'-linked polyubiquitin chains (PubMed:<a href="#">15314065</a>). Plays a role in signal transduction for cell growth and MYC induction mediated by IL-2 and GM-CSF (PubMed:<a href="#">10383417</a>). Potentiates BMP (bone morphogenetic protein) signaling by antagonizing the inhibitory action of SMAD6 and SMAD7 (PubMed:<a href="#">11483516</a>). Has a key role in regulation of cell surface receptor-mediated endocytosis and ubiquitin-dependent sorting of receptors to lysosomes (PubMed:<a href="#">15314065</a>, PubMed:<a href="#">17261583</a>). Endosomal localization of STAMBP is required for efficient EGFR degradation but not for its internalization (PubMed:<a href="#">15314065</a>, PubMed:<a href="#">17261583</a>). Involved in the negative regulation of PI3K-AKT-mTOR and RAS-MAP signaling pathways (PubMed:<a href="#">23542699</a>).</p>
Cellular Location	Nucleus. Membrane; Peripheral membrane protein. Cytoplasm. Early endosome

## Tissue Location

Ubiquitously expressed.

## Images

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