

STAM Binding Protein (STAMBP) Antibody

Catalogue No.: abx110227

STAM Binding Protein (STAMBP) Antibody is a Rabbit Polyclonal antibody against STAMBP. STAMBP is a zinc metalloprotease that specifically cleaves Lys63-linked polyubiquitin chains but does not cleave Lys48-linked polyubiquitin chains. It plays a role in signal transduction for cell growth and MYC induction mediated by IL-2 and GM-CSF. It potentiates BMP (bone morphogenetic protein) signaling by antagonizing the inhibitory action of SMAD6 and SMAD7. It has a key role in regulation of cell surface receptor-mediated endocytosis and ubiquitin-dependent sorting of receptors to lysosomes. This protein also binds to the SH3 domain of the signal-transducing adaptor molecule required for induction of MYC and cell growth. Endosomal localization of STAMBP is required for efficient EGFR degradation but not for its internalization. STAMBP is involved in the negative regulation of PI3K-AKT-mTOR and RAS-MAP signaling pathways.

Target:	STAM Binding Protein (STAMBP)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Tested Applications:	ELISA, WB, IHC
Recommended dilutions:	WB: 1/1000 - 1/5000, IHC: 1/20 - 1/200. Optimal dilutions/concentrations should be determined by the end user.
Immunogen:	Recombinant human STAM-binding protein (1-424AA).
Purity:	> 95%
Purification:	Protein G.
Form:	Liquid
Isotype:	IgG
Conjugation:	Unconjugated
Storage:	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.
Swiss Prot:	O95630
GenelD:	10617
Gene Symbol:	STAMBP

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Enzyme Commission Number: EC 3.1.2.15:::EC 3.4.19.-

NCBI Accession: NP_006454.1, NM_006463.4

Buffer: 0.01 M PBS, pH 7.4, 0.03% Proclin-300 and 50% Glycerol.

Note: This product is for research use only.