

Rabbit anti-Human SPP Polyclonal Antibody | anti-SPP antibody

Rabbit anti-SPP Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212672	Rabbit	Human	Immunoprecipitation, Western Blot

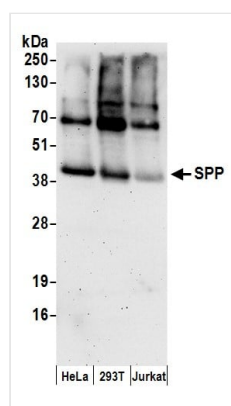
PRODUCT SYNONYMS

SPP; Polyclonal Antibody; Rabbit anti-SPP Antibody; Affinity Purified; PSEN1; PSL3; Signal peptide peptidase; signal peptide peptidase beta; signal peptide peptidase like 1; SPPL1; presenilin-like protein 3; IMP1; MSTP086; minor histocompatibility antigen H13; minor histocompatibility antigen 13; intramembrane protease 1; IMPAS-1; IMP-1; hIMP1; H13; IMPAS; Minor histocompatibility antigen H13; histocompatibility minor 13; anti-SPP antibody

PRODUCT SPECIFICATIONS

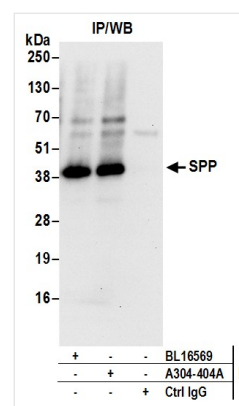
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-SPP antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 327 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human SPP by western blot. Samples: Whole cell lysate (50 ug) prepared using NETN buffer from HeLa, HEK293T, and Jurkat cells. Antibodies: Affinity purified rabbit anti-SPP antibody AAA212672 (lot AAA212672-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human SPP by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) prepared using NETN buffer from HeLa cells. Antibodies: Affinity purified rabbit anti-SPP antibody AAA212672 (lot AAA212672-1) used for IP at 6 ug per reaction. SPP was also immunoprecipitated by rabbit anti-SPP antibody BL16569. For blotting immunoprecipitated SPP, AAA212672 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

ADDITIONAL INFORMATION

Related Product Information for anti-SPP antibody	Signal peptide peptidase (SPP) catalyzes intramembrane proteolysis of some signal peptides after they have been cleaved from a preprotein, resulting in the release of the fragment from the ER membrane into the cytoplasm. SPP is required to generate lymphocyte cell surface (HLA-E) epitopes derived from MHC class I signal peptides. It may play a role in graft rejection (By similarity) [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q8TCT9].
Product Categories/Family for anti-SPP antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	23308607
NCBI GeneID	81502
NCBI Accession #	NP_110416.1
NCBI GenBank Nucleotide #	NM_030789.3
UniProt Accession #	Q8TCT9; Q15K36; Q540H8; Q5JWP2; Q5JWP3; Q5JWP4; Q5JWP5; Q7Z4F2; Q86Y35; Q95H87; B2RAY5; E1P5L3
Molecular Weight	41,488 Da
NCBI Official Full Name	minor histocompatibility antigen H13 isoform 1
NCBI Official Synonym Full Names	histocompatibility (minor) 13
NCBI Official Symbol	HM13
NCBI Official Synonym Symbols	H13; SPP; IMP1; PSL3; IMPAS; SPPL1; PSEN13; IMPAS-1; MSTP086; dJ324O17.1
NCBI Protein Information	minor histocompatibility antigen H13; IMP-1; hIMP1; intramembrane protease 1; presenilin-like protein 3; signal peptide peptidase beta; signal peptide peptidase like 1; minor histocompatibility antigen 13
UniProt Protein Name	Minor histocompatibility antigen H13
UniProt Gene Name	HM13
UniProt Synonym Gene Names	H13; IMP1; PSL3; SPP; MSTP086; IMP-1; IMPAS-1; hIMP1
UniProt Entry Name	HM13_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/spp-antibody-immunoprecipitation-western-blot-elisa/212672>