

Rabbit anti-Human Matriptase/ST14 Polyclonal Antibody | anti-ST14 antibody

Rabbit anti-Matriptase/ST14 Antibody, Affinity Purified

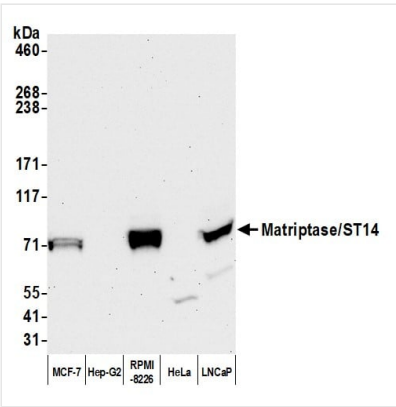
CATALOG # AAA210825	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

Matriptase/ST14; Polyclonal Antibody; Rabbit anti-Matriptase/ST14 Antibody; Affinity Purified; Tumor-associated differentially-expressed gene 15 protein; tumor associated differentially expressed gene 15 protein; TMPRSS14; serine protease TADG-15; suppressor of tumorigenicity 14 protein; suppression of tumorigenicity 14 (colon carcinoma); SNC19; suppression of tumorigenicity 14 (colon carcinoma; matriptase; epithin); HAI; TADG15; ARCI11; Matriptase; membrane-type serine protease 1; MTSP1; serine protease 14; MT-SP1; prostamin; PRSS14; Suppressor of tumorigenicity 14 protein; suppression of tumorigenicity 14; anti-ST14 antibody

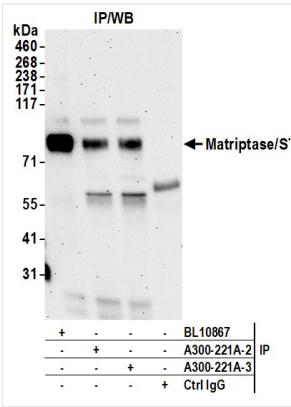
PRODUCT SPECIFICATIONS

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-ST14 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 805 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



WB (Western Blot)

Detection of human Matriptase/ST14 by western blot. Samples: Whole cell lysate (50 ug) from MCF-7, Hep-G2, RPMI-8226, HeLa, and LNCaP cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-Matriptase/ST14 antibody (AAA210825 lot 3) used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human Matriptase/ST14 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 10% of IP loaded) from RPMI-8226 cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-Matriptase/ST14 antibody (AAA210825 lot 3) used for IP at 6 ug per reaction. Matriptase/ST14 was also immunoprecipitated by a previous lot of this antibody (AAA210825 lot 2) and a second antibody against a different epitope of Matriptase/ST14 (BL10867). For blotting immunoprecipitated Matriptase/ST14, AAA210825 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-ST14 antibody	Matriptase/ST14 is an epithelial-derived type II transmembrane trypsin-like serine protease that has been shown to cleave and activate various proteases and growth factors. The overexpression of Matriptase /ST14 in a variety of tumors, and its ability to degrade extracellular matrix suggests a role in tumor invasion.
Product Categories/Family for anti-ST14 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	11415040
NCBI GeneID	6768
NCBI Accession #	NP_068813.1
NCBI GenBank Nucleotide #	NM_021978.3
UniProt Accession #	Q9Y5Y6; Q9BS01; Q9H3S0; Q9HB36; Q9HCA3
Molecular Weight	94,770 Da
NCBI Official Full Name	suppressor of tumorigenicity 14 protein
NCBI Official Synonym Full Names	suppression of tumorigenicity 14 (colon carcinoma)
NCBI Official Symbol	ST14
NCBI Official Synonym Symbols	HAI; MTSP1; SNC19; MT-SP1; PRSS14; TADG15; TMPRSS14
NCBI Protein Information	suppressor of tumorigenicity 14 protein; prostamin; serine protease 14; serine protease TADG-15; membrane-type serine protease 1; tumor associated differentially expressed gene 15 protein; tumor-associated differentially-expressed gene 15 protein; suppress
UniProt Protein Name	Suppressor of tumorigenicity 14 protein
UniProt Gene Name	ST14
UniProt Synonym Gene Names	PRSS14; SNC19; TADG15; MT-SP1

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://stage.aaabiotech.com/polyclonal/matriptase-st14-antibody-immunoprecipitation-western-blot-elisa/210825>