

Rabbit anti-Human, Mouse STEAP2 Polyclonal Antibody | anti-STEAP2 antibody

STEAP2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40168	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

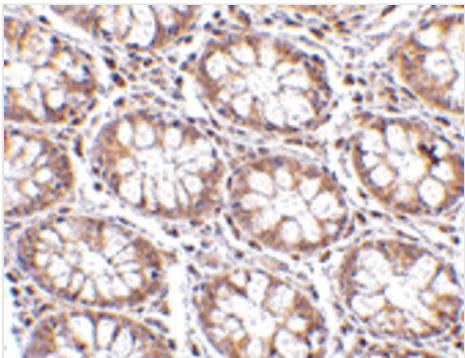
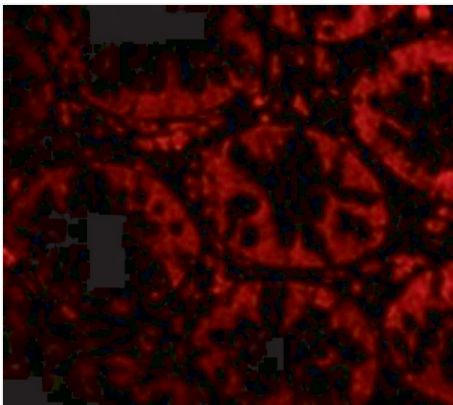
PRODUCT SYNONYMS

STEAP2; Polyclonal Antibody; STEAP2 Antibody; STMP; IPCA1; PUMPCn; STAMP1; PCANAP1; UNQ6507/PRO23203; Metalloreductase STEAP2; Prostate cancer-associated protein 1; six transmembrane epithelial antigen of the prostate 2; anti-STEAP2 antibody

PRODUCT SPECIFICATIONS

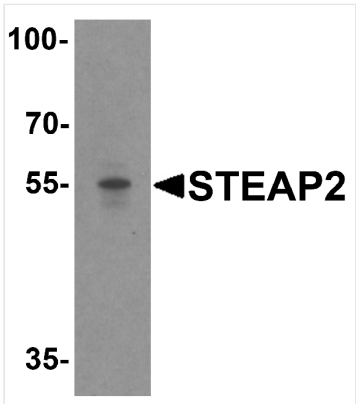
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	This STEAP2 antibody does not cross-react with other STEAP proteins.
Purity/Purification	STEAP2 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	490
Applicable Applications for anti-STEAP2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	STEAP2 antibody was raised against a 16 amino acid synthetic peptide from near the carboxy terminus of human STEAP2.
Buffer	STEAP2 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	STEAP2 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of STEAP2 in human colon tissue with STEAP2 antibody at 2.5 μ g/mL.

IF (Immunofluorescence)
Immunofluorescence of STEAP2 in Human Colon cells with STEAP2 antibody at 20 μ g/mL.



WB (Western Blot)
Western blot analysis of STEAP2 in human prostate tissue lysate with STEAP2 antibody at 1 μ g/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-STEAP2 antibody	STEAP2 Antibody: The six-transmembrane epithelial antigen of prostate 2 (STEAP2) is a member of a family of metalloreductases identified as cell-surface antigens in prostate tissue. Similar to two other members of the STEAP family (STEAP 3 and STEAP4), STEAP2 promotes both iron and copper reduction. STEAP2 expression in transfected cells also correlated with iron or copper uptake, suggesting that the STEAP family of proteins may function to stimulate iron and copper uptake. STEAP2 is widely expressed in many tissues in the plasma membrane, but is most highly expressed in prostate. At least three isoforms of STEAP2 are known to exist.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	83286886
NCBI GeneID	261729
UniProt Accession #	Q8NFT2; Q6UXN6; Q6YPB1; Q8IU7; A4D1F1; G5E9C6
Molecular Weight	47,916 Da
NCBI Official Full Name	Metalloreductase STEAP2
NCBI Official Synonym Full Names	STEAP family member 2, metalloreductase
NCBI Official Symbol	STEAP2
NCBI Official Synonym Symbols	STMP; IPCA1; PUMPCn; STAMP1; PCANAP1

NCBI Protein Information	metalloreductase STEAP2; prostate cancer associated protein 1; prostate cancer-associated protein 1; SixTransMembrane Protein of Prostate 1; protein upregulated in metastatic prostate cancer; protein up-regulated in metastatic prostate cancer; six transmembrane epithelial antigen of prostate 2; six-transmembrane epithelial antigen of prostate 2; six transmembrane epithelial antigen of the prostate 2
UniProt Protein Name	Metalloreductase STEAP2
UniProt Gene Name	STEAP2
UniProt Synonym Gene Names	PCANAP1; STAMP1; PUMPCn
UniProt Entry Name	STEAP2_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://stage.aaabiotech.com/polyclonal/steap2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40168>