

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

STEAP2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA304092	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

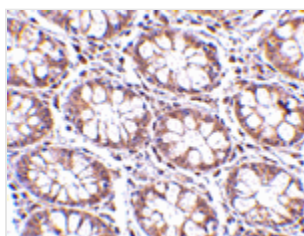
PRODUCT SYNONYMS

STEAP2; Polyclonal Antibody; STEAP2 Antibody; Six transmembrane epithelial antigen of prostate 2; anti-STEAP2 antibody

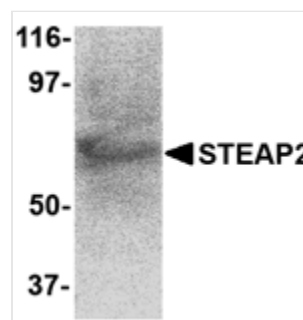
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	This STEAP2 antibody does not cross-react with other STEAP proteins.
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	490
Applicable Applications for anti-STEAP2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 16 amino acid peptide from near the carboxy terminus of human STEAP2.
Target Name	STEAP2
Preparation and Storage	Can be stored at -20 degree C, stable for 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 ug/mL.


WB (Western Blot)

Western blot analysis of STEAP2 in human prostate tissue lysate with STEAP2 antibody at 1 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-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.
Product Categories/Family for anti-STEAP2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	100913194
NCBI GeneID	261729
NCBI Accession #	NP_001035755.1
NCBI GenBank Nucleotide #	NM_001040665.1
UniProt Accession #	Q8NFT2; Q6UXN6; Q6YPB1; Q8IUE7; A4D1F1; G5E9C6
Molecular Weight	47,916 Da
NCBI Official Full Name	metalloreductase STEAP2 isoform a
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
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-immunohistochemistry-western-blot-elisa/304092>