

Rabbit STEAP2 Polyclonal Antibody | anti-STEAP2 antibody

Rabbit Polyclonal to Human STEAP2

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51969	Rabbit	Bat, Gibbon, Chimpanzee, Dog, Guinea pig, Gorilla, Hamster, Horse, Human, Monkey, Mouse, Orangutan, Rabbit, Rat Predicted Reactivity: Bovine, Pig, Chicken, Zebrafish (at least 90% immunogen sequence identity)	Immunohistochemistry

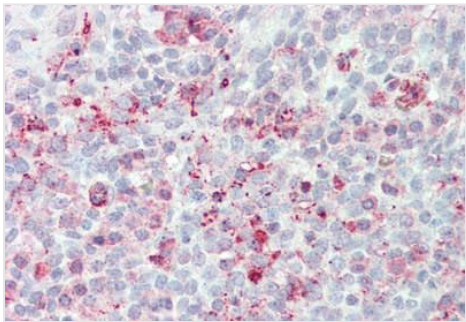
PRODUCT SYNONYMS

STEAP2; Polyclonal Antibody; Rabbit Polyclonal to Human STEAP2; Anti-STEAP2 Antibody (Internal) IHC-plus; IPCA-1; PCANAP1; IPCA1; PUMPCn; STAMP1; STMP; Metalloreductase STEAP2; Human STEAP2; anti-STEAP2 antibody

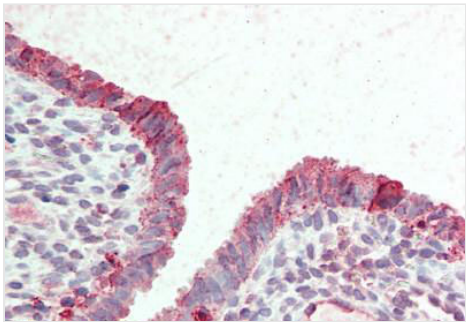
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Bat, Gibbon, Chimpanzee, Dog, Guinea pig, Gorilla, Hamster, Horse, Human, Monkey, Mouse, Orangutan, Rabbit, Rat Predicted Reactivity: Bovine, Pig, Chicken, Zebrafish (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human STEAP2. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	0.8 mg/ml (varies by lot)
Sequence Length	490
Applicable Applications for anti-STEAP2 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 15 amino acid peptide from internal region of human STEAP2. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Baboon, Monkey, Galago, Marmoset, Mouse, Rat, Hamster, Elephant, Panda, Bat.
Immunogen Type	Synthetic peptide
Immunogen	STEAP2 antibody was raised against synthetic 15 amino acid peptide from internal region of human STEAP2. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Baboon, Monkey, Galago, Marmoset, Mouse, Rat, Hamster, Elephant, Panda, Bat, Dog, Rabbit, Horse, Opossum, Guinea pig, Armadillo, Platypus (100%); Bovine, Pig, Turkey, Chicken, Zebrafish (93%); Shrew, Zebra finch, Xenopus (87%).
Antigen Modification	Internal
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-STEAP2 antibody IHC of human tonsil. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-STEAP2 antibody IHC of human uterus. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-STEAP2 antibody	Stamp1/Steap2 is highly expressed in prostate. It is localized to the Golgi complex, predominantly to the trans-Golgi network and to the plasma membrane. It is thought to play an important role in normal prostate and in prostate cancer progression as it showed increased expression in androgen-independent prostate cancer xenografts.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	100913196
NCBI GeneID	261729
NCBI Accession #	NP_694544.2
NCBI GenBank Nucleotide #	NM_152999.3
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; 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.