

Rabbit anti-Human STEAP4 Polyclonal Antibody | anti-STEAP4 antibody

STEAP4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA306472	Rabbit	Human	Immunofluorescence, Immunohistochemistry

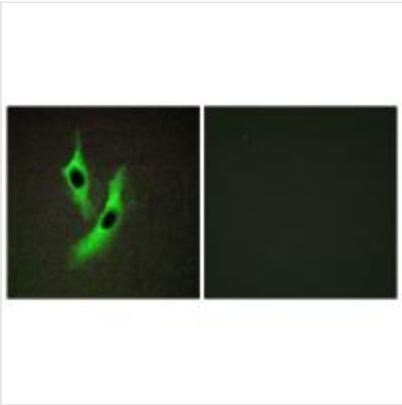
PRODUCT SYNONYMS

STEAP4; Polyclonal Antibody; STEAP4 Antibody; EC 1.16.1.-; Six-transmembrane epithelial antigen of prostate 4; SixTransMembrane protein of prostate 2; Tumor necrosis factor; alpha-induced protein 9; anti-STEAP4 antibody

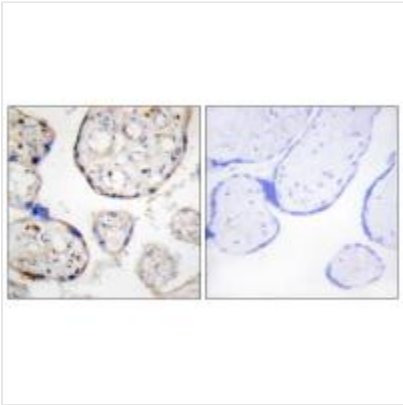
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total STEAP4 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	459
Applicable Applications for anti-STEAP4 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human STEAP4.
Target Name	STEAP4
Preparation and Storage	Store at -20 degree C

IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of Jurkat cells, using STEAP4 antibody.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human placenta tissue, using STEAP4 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-STEAP4 antibody	Metalloreductase that has the ability to reduce both Fe3+ to Fe2+ and Cu2+ to Cu1+. Uses NAD+ as acceptor. Plays a role in systemic metabolic homeostasis, integrating inflammatory and metabolic responses By similarity. Associated with obesity and insulin-resistance. Involved in inflammatory arthritis, through the regulation of inflammatory cytokines. Inhibits anchorage-independent cell proliferation.Korkmaz C.G., Oncogene 24:4934-4945(2005).Ota T., Nat. Genet. 36:40-45(2004).Ohgami R.S., Nat. Genet. 37:1264-1269(2005).
Product Categories/Family for anti-STEAP4 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	328887949
NCBI GeneID	79689
NCBI Accession #	NP_001192244.1
NCBI GenBank Nucleotide #	NM_001205315.1
UniProt Accession #	Q687X5; Q658Q9; Q687X4; Q8WWB0; Q9H5R1
Molecular Weight	31,310 Da
NCBI Official Full Name	metalloreductase STEAP4 isoform 1
NCBI Official Synonym Full Names	STEAP family member 4
NCBI Official Symbol	STEAP4
NCBI Official Synonym Symbols	TIARP; STAMP2; TNFAIP9
NCBI Protein Information	metalloreductase STEAP4
UniProt Protein Name	Metalloreductase STEAP4
UniProt Gene Name	STEAP4
UniProt Synonym Gene Names	STAMP2; TNFAIP9
UniProt Entry Name	STEAP4_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.

