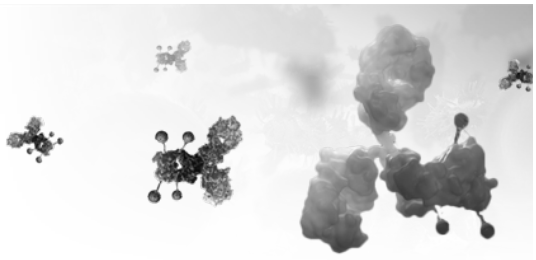

Human STEAP2 blocking peptide (CDBP2840)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking peptide for anti-STEAP2 antibody
Antigen Description	This gene is a member of the STEAP family and encodes a multi-pass membrane protein that localizes to the Golgi complex, the plasma membrane, and the vesicular tubular structures in the cytosol. A highly similar protein in mouse has both ferrireductase and cupric reductase activity, and stimulates the cellular uptake of both iron and copper in vitro. Increased transcriptional expression of the human gene is associated with prostate cancer progression. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008]
Species	Human
Conjugate	Unconjugated
Applications	BL
Format	Liquid
Concentration	200 μg/ml
Size	50 μg
Buffer	PBS containing 0.02% sodium azide
Preservative	0.02% Sodium Azide
Storage	Store at -20℃, stable for one year.

GENE INFORMATION

Gene Name	STEAP2 STEAP family member 2, metalloreductase [Homo sapiens]

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Official Symbol	STEAP2
Synonyms	STEAP2; STEAP family member 2, metalloreductase; PCANAP1, prostate cancer associated protein 1 , six transmembrane epithelial antigen of the prostate 2; metalloreductase STEAP2; IPCA 1; STAMP1; STMP; 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; IPCA1; PUMPCn; PCANAP1;
Entrez Gene ID	261729
mRNA Refseq	NM_001040665
Protein Refseq	NP_001035755
UniProt ID	Q8NFT2
Chromosome Location	7q21.13
Pathway	Mineral absorption, organism-specific biosystem; Mineral absorption, conserved biosystem;
Function	electron carrier activity; flavin adenine dinucleotide binding; iron ion binding; metal ion binding; nucleotide binding; oxidoreductase activity; transporter activity;

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