



Human STEAP4 blocking peptide (CDBP2842)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-STEAP4/Dudulin4 antibody
Antigen Description	The protein encoded by this gene belongs to the STEAP (six transmembrane epithelial antigen of prostate) family, and resides in the golgi apparatus. It functions as a metalloreductase that has the ability to reduce both Fe(3+) to Fe(2+) and Cu(2+) to Cu(1+), using NAD(+) as acceptor. Studies in mice and human suggest that this gene maybe involved in adipocyte development and metabolism, and may contribute to the normal biology of the prostate cell, as well as prostate cancer progression. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2011]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	STEAP4 STEAP family member 4 [Homo sapiens]
Official Symbol	STEAP4
Synonyms	STEAP4; STEAP family member 4; TNFAIP9, tumor necrosis factor, alpha induced protein 9;

metalloreductase STEAP4; FLJ23153; STAMP2; TIARP; six transmembrane prostate protein 2; sixTransMembrane protein of prostate 2; tumor necrosis factor, alpha-induced protein 9; six-transmembrane epithelial antigen of prostate 4; tumor necrosis-alpha-induced adipose-related protein; TNFAIP9; DKFZp666D049;

Entrez Gene ID	79689
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mRNA Refseq	NM_001205315
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Protein Refseq	NP_001192244
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UniProt ID	Q687X5
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Chromosome Location	7q21.13
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Function	electron carrier activity; flavin adenine dinucleotide binding; iron ion binding; metal ion binding; nucleotide binding; oxidoreductase activity;
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