



Anti-STEAP1 (full length) polyclonal antibody (DPAB-DC1327)

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

PRODUCT INFORMATION

Antigen Description	This gene is predominantly expressed in prostate tissue, and is found to be upregulated in multiple cancer cell lines. The gene product is predicted to be a six-transmembrane protein, and was shown to be a cell surface antigen significantly expressed at cell-cell junctions.
Immunogen	STEAP1 (AAH11802, 1 a.a. ~ 339 a.a) full-length recombinant protein with GST tag. The sequence is MESRKDITNQEELWKMKPRRNLEEDDYLHKDTGETSMLKRPVLLHLHQTAAHADEFDCPSE LQHTQELFPQWHLPIKIAAIIASLTFLYTLLREVIHPLATSHQQYFYKIPILVINKVLPM VSITLLALVYLPGVIAAIVQLHNGTKYKKFPHWLDKWMLTRKQFGLLSFFFVAVLHAIYSL SYPMRRSYRYKLLNWAYQQVQNKEDAWIEHDVWRMEIYVSLGIVGLAILALLAVTSIPS VSDSLTWREFHYIQSKLGIVSLLLGTIHALIFAWNKWIDIKQFVWYTPPTFMIAVFLPIV VLIFKSILFLPCLRKILKIRHGWEDVTKINKTEICSQL
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	STEAP1 six transmembrane epithelial antigen of the prostate 1 [Homo sapiens (human)]
Official Symbol	STEAP1
Synonyms	STEAP1; six transmembrane epithelial antigen of the prostate 1; STEAP; PRSS24; metalloredutase STEAP1; six-transmembrane epithelial antigen of prostate 1;
Entrez Gene ID	26872
Protein Refseq	NP_036581
UniProt ID	Q9UHE8
Chromosome Location	7q21
Pathway	Mineral absorption;
Function	channel activity; metal ion binding; oxidoreductase activity; transporter activity