



Anti-STEAP3 (aa 150-250) polyclonal antibody (DPABH-28208)

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

PRODUCT INFORMATION

Antigen Description	Endosomal ferrireductase required for efficient transferrin-dependent iron uptake in erythroid cells. Participates in erythroid iron homeostasis by reducing Fe(3+) to Fe(2+). Can also reduce of Cu(2+) to Cu(1+), suggesting that it participates in copper homeostasis. Uses NADP(+) as acceptor. May play a role downstream of p53/TP53 to interface apoptosis and cell cycle progression. Indirectly involved in exosome secretion by facilitating the secretion of proteins such as TCTP.
Immunogen	Synthetic peptide conjugated to KLH derived from within residues 150 - 250 of Mouse STEAP3.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, ICC/IF
Format	Liquid
Size	100 µg
Buffer	pH: 7.40; Constituent: PBS
Preservative	0.02% Sodium Azide
Storage	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	STEAP3 STEAP family member 4 [Mus musculus]
Official Symbol	STEAP3
Synonyms	STEAP3; STEAP family member 3; Tsap6; pHyde; 1010001D01Rik; metalloreductase STEAP3; dudulin 2; dudulin-2; protein nm1054; tumor suppressor-activated pathway protein 6; six-transmembrane epithelial antigen of prostate 3;
Entrez Gene ID	68428
Protein Refseq	NP_001078878.1
UniProt ID	Q8CI59
Pathway	Iron uptake and transport; Transmembrane transport of small molecules; p53 signaling pathway;
Function	cupric reductase activity; ferric-chelate reductase (NADPH) activity; ferric-chelate reductase (NADPH) activity; ferric-chelate reductase activity