



## 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

<b>Antigen Description</b>	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.
<b>Immunogen</b>	Synthetic peptide conjugated to KLH derived from within residues 150 - 250 of Mouse STEAP3.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Mouse
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, ICC/IF
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	pH: 7.40; Constituent: PBS
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	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	<a href="#">STEAP3 STEAP family member 4 [ <i>Mus musculus</i> ]</a>
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	<a href="#">68428</a>
Protein Refseq	<a href="#">NP_001078878.1</a>
UniProt ID	<a href="#">Q8CI59</a>
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