

Immunotag™ STEAP3 Antibody

Antibody Specification	
Catalog No.	ITA6206
Product Description	Immunotag™ STEAP3 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	STEAP3
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,IF/ICC,ELISA
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:200, IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human STEAP3
Specificity	STEAP3 Antibody detects endogenous levels of total STEAP3
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	STEAP3
Accession No.	Q658P3
Alternate Names	1010001D01Rik; Dudlin 2; Dudlin2; Dudulin 2; Dudulin-2; Dudulin2; hpHyde; hTSAP6; Metalloreductase STEAP3; MGC93147; pHyde; Six transmembrane epithelial antigen of prostate 3; Six transmembrane prostate protein 3; Six-transmembrane epithelial antigen of prostate 3; STEA 3; STEA3_HUMAN; STEAP 3; STEAP family member 3; STEAP family member 3 metalloreductase; STEAP3; STMP 3; STMP3; TSAP 6; TSAP6; Tumor suppressor activated pathway protein 6; Tumor suppressor pHyde; Tumor suppressor-activated pathway protein 6;

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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.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	55kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.