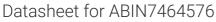
antibodies -online.com







anti-STEAP3 antibody



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Quantity:	100 μL	
Target:	STEAP3	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This STEAP3 antibody is un-conjugated	
Application:	Western Blotting (WB)	

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human STEAP3. The exact sequence is proprietary.	
Isotype:	IgG	
Cross-Reactivity:	Human	
Purification:	Purified by antigen-affinity chromatography.	

Target Details

Target:	STEAP3	
Alternative Name:	STEAP3 metalloreductase (STEAP3 Products)	
Background:	STEAP3 metalloreductase, AHMIO2, STMP3, TSAP6, dudlin-2, dudulin-2, pH yde,Endosor 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	

Target Details	
	Cu(2+) to Cu(1+), suggesting that it participates in copper homeostasis. Uses NAD(+) as acceptor (By similarity). 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.
Molecular Weight:	55 kDa
Gene ID:	55240
UniProt:	Q658P3
Pathways:	Transition Metal Ion Homeostasis
Application Details	
Application Notes:	WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: HepG2 cytoplasm extract Validation: Orthogonal
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1.79 mg/mL

Format:	Liquid	
Concentration:	1.79 mg/mL	
Buffer:	1XPBS (pH 7), 20 % Glycerol, 0.025 % ProClin 300	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.	