

Rabbit anti-Human STEAP3 Polyclonal Antibody | anti-STEAP3 antibody

STEAP3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA229798	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

STEAP3; Polyclonal Antibody; STEAP3 Antibody; Metalloreductase STEAP3 (EC:1.16.1.-); TSAP6; Dudulin-2; Six-transmembrane epithelial antigen of prostate 3; Tumor suppressor-activated pathway protein 6; hTSAP6; pHyde; hpHyde; anti-STEAP3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purified
Form/Format	Liquid
Sequence Length	488
Applicable Applications for anti-STEAP3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Metalloreductase STEAP3 protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-20531 / sc-20533 / sc-103884 / sc-292255
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



IHC (Immunohistochemistry)

Immunofluorescent analysis of Hela cells using AAA229798 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human pancreas tissue using AAA229798 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: STEAP3 antibody at 24ug/mLane 1:HepG2 whole cell lysateLane 2:Hela whole cell lysateSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 55,56,51 kDaObserved band size: 55 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-STEAP3 antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	56549147
NCBI GeneID	55240
NCBI Accession #	NP_001008410.1
NCBI GenBank Nucleotide #	NM_001008410.1
UniProt Accession #	Q658P3; Q4VBR2; Q4ZG36; Q53SQ8; Q7Z389; Q86SF6; Q8NEW6; Q8TDP3; Q8TF03; Q9NVB5; A8K6E3
Molecular Weight	50,499 Da
NCBI Official Full Name	metalloreductase STEAP3 isoform b
NCBI Official Synonym Full Names	STEAP3 metalloreductase
NCBI Official Symbol	STEAP3
NCBI Official Synonym Symbols	STMP3; TSAP6; pHyde; AHMIO2; dudlin-2; dudulin-2
NCBI Protein Information	metalloreductase STEAP3
UniProt Protein Name	Metalloreductase STEAP3
UniProt Gene Name	STEAP3
UniProt Synonym Gene Names	TSAP6; hTSAP6; hpHyde
UniProt Entry Name	STEAP3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/steap3-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/229798>