

Rabbit STEAP3 Polyclonal Antibody | anti-STEAP3 antibody

STEAP3 Antibody

CATALOG # AAA39650	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot, ELISA
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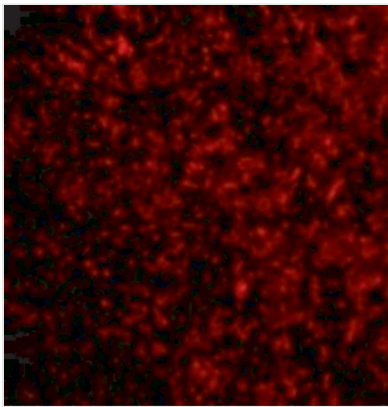
PRODUCT SYNONYMS

STEAP3; Polyclonal Antibody; STEAP3 Antibody; STMP3; TSAP6; AHMIO2; dudlin-2; Metalloreductase STEAP3; Dudulin-2; hTSAP6; STEAP family member 3; anti-STEAP3 antibody

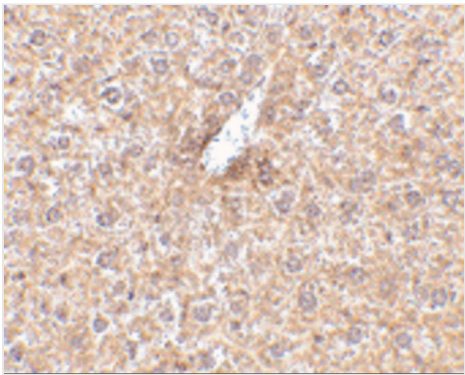
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	This STEAP3 antibody does not cross-react with other STEAP proteins.
Purity/Purification	STEAP3 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	488
Applicable Applications for anti-STEAP3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	STEAP3 antibody was raised against a 15 amino acid synthetic peptide from near the amino terminus of human STEAP3.
Buffer	STEAP3 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	STEAP3 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

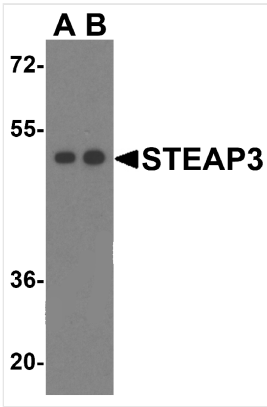
IMAGES



IF (Immunofluorescence)
Immunofluorescence of STEAP3 in Mouse Liver cells with STEAP3 antibody at 20 μg/mL.



IHC (Immunohiostchemistry)
Immunohistochemistry of STEAP3 in mouse liver tissue with STEAP3 antibody at 2.5 μg/mL.



WB (Western Blot)
Western blot analysis of STEAP3 in HeLa cell lysate with STEAP3 antibody at (A) 1 and (B) 2 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-STEAP3 antibody	STEAP3 Antibody: The six-transmembrane epithelial antigen of prostate 3 (STEAP3) is a member of a family of metalloreductases identified as cell-surface antigens in prostate tissue. Similar to two other members of the STEAP family (STEAP 2 and STEAP4), STEAP3 promotes both iron and copper reduction. STEAP3 is highly expressed in hematopoietic tissues and colocalizes with the transferrin endosome. Overexpression of STEAP3 stimulates iron reduction; mice lacking STEAP3 are deficient in erythroid ferrireductase activity, suggesting that STEAP3 is an endosomal ferrireductase required for transferrin-dependent iron uptake in erythroid cells.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	127801437
NCBI GeneID	55240
UniProt Accession #	Q658P3; Q4VBR2; Q4ZG36; Q53SQ8; Q7Z389; Q86SF6; Q8NEW6; Q8TDP3; Q8TF03; Q9NVB5; A8K6E3
Molecular Weight	50,499 Da
NCBI Official Full Name	STEAP family member 3
NCBI Official Synonym Full Names	STEAP family member 3, metalloreductase
NCBI Official Symbol	STEAP3
NCBI Official Synonym Symbols	STMP3; TSAP6; AHMIO2; dudlin-2

NCBI Protein Information	metalloreductase STEAP3; pHyde; hTSAP6; hpHyde; dudlin 2; dudulin 2; dudulin-2; 1010001D01Rik; tumor suppressor pHyde; six transmembrane prostate protein 3; tumor suppressor-activated pathway protein 6; six-transmembrane epithelial antigen of prostate 3
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://www.aaabiotech.com/polyclonal/steap3-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/39650>