

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

Rabbit anti-STEAP3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA220486	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

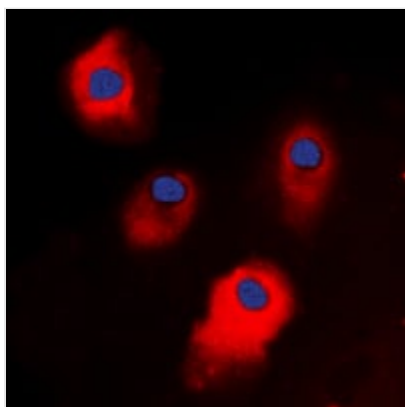
PRODUCT SYNONYMS

STEAP3; Polyclonal Antibody; Rabbit anti-STEAP3 Antibody; TSAP6; Metalloreductase STEAP3; Dudulin-2; Six-transmembrane epithelial antigen of prostate 3; Tumor suppressor-activated pathway protein 6; hTSAP6; pHyde; hpHyde; anti-STEAP3 antibody

PRODUCT SPECIFICATIONS

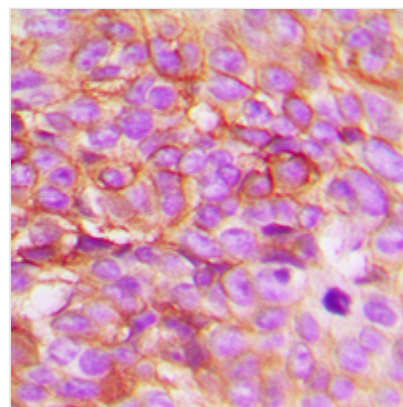
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-STEAP3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human STEAP3. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



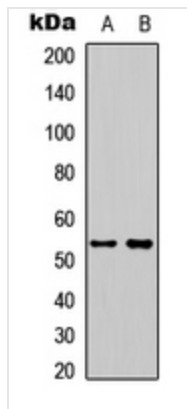
IF (Immunofluorescence)

Immunofluorescent analysis of STEAP3 staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of STEAP3 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)
Western blot analysis of STEAP3 expression in HeLa (A), HepG2 (B) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-STEAP3 antibody	Primary antibodies
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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	54,601 Da
NCBI Official Full Name	metalloreductase STEAP3 isoform b
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.