

Rabbit anti-Human STEAP4 Polyclonal Antibody | anti-STEAP4 antibody

STEAP4 Antibody

CATALOG # AAA307499	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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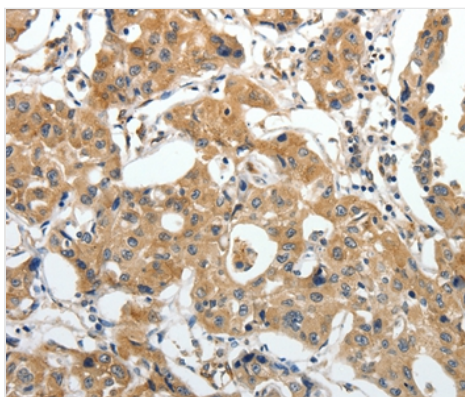
PRODUCT SYNONYMS

STEAP4; Polyclonal Antibody; STEAP4 Antibody; TIARP; STAMP2; TNFAIP9; anti-STEAP4 antibody

PRODUCT SPECIFICATIONS

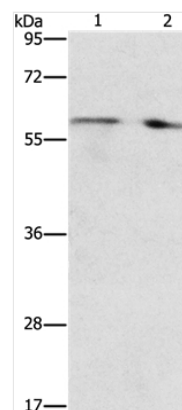
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total STEAP4 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	0.9 mg/ml (varies by lot)
Sequence Length	459
Applicable Applications for anti-STEAP4 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human STEAP family member 4
Target Name	STEAP4
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human lung cancer tissue using at dilution 1/25.



Application Data

Gel: 10%SDS-PAGE Lysates (from left to right): Human liver cancer and fetal liver tissue
Amount of lysate: 40ug per lane Primary antibody: 1/450 dilution Secondary antibody dilution: 1/8000 Exposure time: 40 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-STEAP4 antibody	The protein encoded by this gene belongs to the STEAP (six transmembrane epithelial antigen of prostate) family, and resides in the golgi apparatus. It functions as a metalloreductase that has the ability to reduce both Fe(3+) to Fe(2+) and Cu(2+) to Cu(1+), using NAD(+) as acceptor. Studies in mice and human suggest that this gene maybe involved in adipocyte development and metabolism, and may contribute to the normal biology of the prostate cell, as well as prostate cancer progression. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-STEAP4 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	328887949
NCBI GeneID	79689
NCBI Accession #	NP_001192244.1
NCBI GenBank Nucleotide #	NM_001205315.1
UniProt Accession #	Q687X5; Q658Q9; Q687X4; Q8WWB0; Q9H5R1
Molecular Weight	31,310 Da
NCBI Official Full Name	metalloreductase STEAP4 isoform 1
NCBI Official Synonym Full Names	STEAP family member 4
NCBI Official Symbol	STEAP4
NCBI Official Synonym Symbols	TIARP; STAMP2; TNFAIP9
NCBI Protein Information	metalloreductase STEAP4
UniProt Protein Name	Metalloreductase STEAP4
UniProt Gene Name	STEAP4
UniProt Synonym Gene Names	STAMP2; TNFAIP9
UniProt Entry Name	STEAP4_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/steap4-antibody-immunohistochemistry-western-blot-elisa/307499>