

Rabbit STEAP4 Polyclonal Antibody | anti-STEAP4 antibody

STEAP4 Rabbit Polyclonal Antibody

CATALOG # AAA313757	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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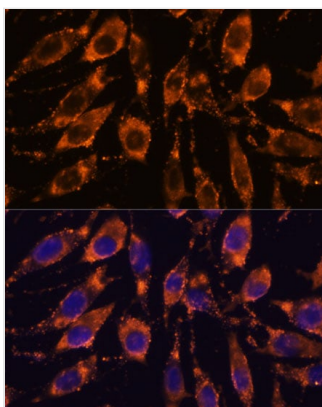
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

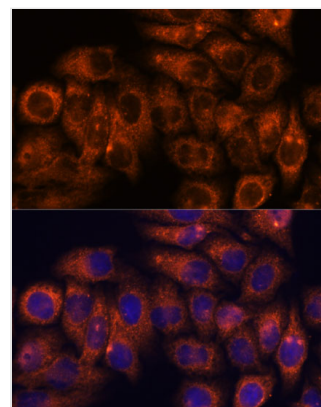
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-STEAP4 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human STEAP4 (NP_001192245).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



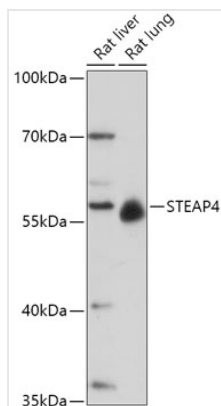
IF (Immunofluorescence)

Immunofluorescence analysis of L929 cells using STEAP4 at dilution of 1:100. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using STEAP4 at dilution of 1:100. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using STEAP4 at 1:1000 dilution.

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 metalloredutase 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. [provided by RefSeq, Apr 2011]
Product Categories/Family for anti-STEAP4 antibody	Primary Antibody

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	51,981 Da
NCBI Official Full Name	metalloredutase 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	metalloredutase STEAP4; six transmembrane prostate protein 2; sixTransMembrane protein of prostate 2; tumor necrosis factor, alpha-induced protein 9; six-transmembrane epithelial antigen of prostate 4; tumor necrosis-alpha-induced adipose-related protein
UniProt Protein Name	Metalloredutase 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.

