

## Rabbit STEAP4 Polyclonal Antibody | anti-STEAP4 antibody

STEAP4 Polyclonal Antibody

|                               |                       |                                        |                                           |
|-------------------------------|-----------------------|----------------------------------------|-------------------------------------------|
| CATALOG #<br><b>AAA177525</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunofluorescence</b> |
|-------------------------------|-----------------------|----------------------------------------|-------------------------------------------|

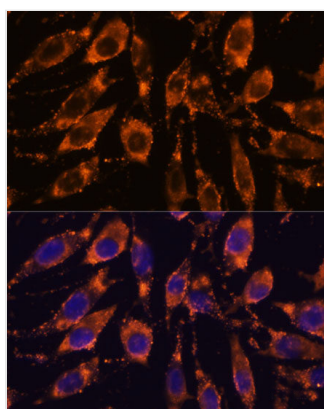
### PRODUCT SYNONYMS

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

### PRODUCT SPECIFICATIONS

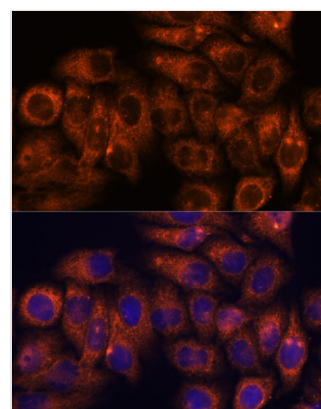
|                                                  |                                                           |
|--------------------------------------------------|-----------------------------------------------------------|
| Host                                             | Rabbit                                                    |
| Reactivity                                       | Human, Mouse, Rat                                         |
| Clonality                                        | Polyclonal                                                |
| Isotype                                          | IgG                                                       |
| Purity/Purification                              | Affinity purification                                     |
| Form/Format                                      | PBS with 0.02% sodium azide, 50% glycerol, pH7.3          |
| Concentration                                    | 1mg/mL (varies by lot)                                    |
| Applicable Applications for anti-STEAP4 antibody | IF (Immunofluorescence)                                   |
| Immunogen                                        | Recombinant fusion protein of human STEAP4 (NP_001192245) |
| Conjugation                                      | Unconjugated                                              |
| Preparation and Storage                          | Store at -20 degree C. Avoid freeze/thaw cycles.          |

### IMAGES



#### IF (Immunofluorescence)

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



#### IF (Immunofluorescence)

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

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   | Cancer; Metabolism; Immunology; Polyclonal 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/steap4-antibody-immunofluorescence-elisa/177525>