

Product datasheet for TA362010

STEAP4 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Reactivity: Human Host: Rabbit

Clonality: Polyclonal

The immunogen is a synthetic peptide directed towards the C terminal region of human Immunogen:

STEAP4

Specificity: **Expected reactivity**: Human

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Purification: Affinity purified Conjugation: Unconjugated

Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 50 kDa

Gene Name: STEAP4 metalloreductase

Database Link: NP 001192244.1

Entrez Gene 79689 Human

Q687X5



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Background: The protein encoded by this gene belongs to the STEAP (six transmembrane epithelial antigen

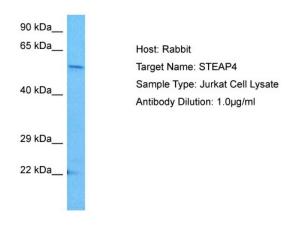
of prostate) family, and resides in the golgi apparatus. It functions as a metalloreductase that has the ability to reduce both Fe(3+) to Fe(2+) and Cu(2+) to Cu(1+), using NAD(+) as acceptor. Studies in mice and human suggest that this gene maybe involved in adipocyte development and metabolism, and 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.

Synonyms: DKFZp666D049; FLJ23153; STAMP2; TIARP; TNFAIP9

Protein Families: Druggable Genome, Transmembrane

Product images:



Host: Rabbit Target Name: STEAP4

Sample Tissue: Human Jurkat Whole Cell lysates

Antibody Dilution: 1ug/ml