

STEAP4

Reactivity:Human Mouse

Tested applications:WB IHC

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW:52kDa

Observed MW:Refer to Figures

Immunogen:

A synthetic peptide of human STEAP4

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

TIARP; STAMP2; TNFAIP9

Catalog #:A4978

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:79689

Isotype:IgG

Swiss Prot:Q687X5

Purity:Affinity purification

For research use only.

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.

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