

A4978

Leader in Biomolecular Solutions for Life Science



STEAP4 Rabbit pAb

Catalog No.: A4978

Basic Information

Observed MW

52kDa

Calculated MW

52kDa

Category

Polyclonal Antibody

Applications

WB

Cross-Reactivity

Human, Mouse

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.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

79689

Swiss Prot

Q687X5

Immunogen

A synthetic peptide of human STEAP4

Synonyms

TIARP; STAMP2; SchLAH; TNFAIP9; STEAP4

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

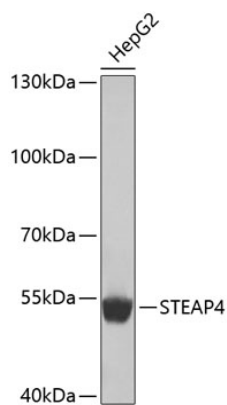
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of extracts of HepG2 cells, using STEAP4 antibody (A4978).
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.