
STEAP4 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 253764

Unit: 0.1 mg

Description:

The six-transmembrane epithelial antigen of prostate 4 (STEAP4) is a member of a family of metalloredoxases identified as cell-surface antigens in prostate tissue. Similar to two other members of the STEAP family (STEAP 2 and STEAP3), STEAP4 promotes both iron and copper reduction. STEAP4 is highly expressed in placenta, lung, heart and prostate tissues, and overexpressed in prostate cancer cells compared to normal prostate cells. Overexpression of STEAP4 in prostate cells significantly increases cell growth and colony formation, suggesting STEAP4 may have a role in cell proliferation and prostate cancer progression. At least two isoforms are known to exist for this protein. This STEAP4 antibody does not cross-react with other STEAP proteins.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H, M, R

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: STEAP4; Six transmembrane epithelial antigen of prostate 4; STAMP2

Accession No.: EAW76907

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human STEAP4.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.