

STEAP4 polyclonal antibody

Catalog: BS61396

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

STAMP2 (SixTransMembrane protein of prostate 2), also known as STEAP4 (STEAP family member 4), TIARP or TNFAIP9, is a 459 amino acid multi-pass membrane protein that localizes to the golgi apparatus and contains one ferric oxidoreductase domain. Expressed ubiquitously with highest expression in lung, prostate, placenta and heart, STAMP2 functions as a metalloredutase that uses FAD as a cofactor to reduce both Fe³⁺ and Cu²⁺ to Fe²⁺ and Cu¹⁺, respectively. Multiple isoforms of STAMP2 exist due to alternative splicing events. The gene encoding STAMP2 maps to human chromosome 7, which houses over 1,000 genes and comprises nearly 5% of the human genome. Defects in some of the genes localized to chromosome 7 have been linked to Osteogenesis imperfecta, Williams-Beuren syndrome, Pendred syndrome, Lissencephaly, Citrullinemia and Shwachman-Diamond syndrome.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

Molecular Weight:

~ 52 kDa

Swiss-Prot:

Q687X5

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

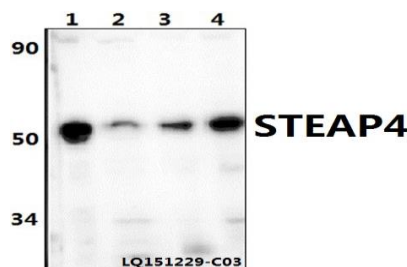
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

STEAP4 polyclonal antibody detects endogenous levels of STEAP4 protein.

DATA:



Western blot (WB) analysis of STEAP4 polyclonal antibody at 1:500 dilution

Lane1:HEK293T whole cell lysate(40ug)

Lane2:NIH-3T3 whole cell lysate(40ug)

Lane3:H9C2 whole cell lysate(40ug)

Lane4:Hela whole cell lysate(40ug)

Note:

For research use only, not for use in diagnostic procedure.

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151