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EB07980 - Goat Anti-STEAP4 / Dudulin4 Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: STEAP family member 4, DKFZp666D049, FLJ23153, STAMP2, TIARP, TNFAIP9, six transmembrane prostate protein 2, tumor necrosis factor, alpha-induced protein 9, tumor necrosis-alpha-induced adipose-related protein
Official Symbol: STEAP4
Accession Number(s): NP_078912.2
Human GeneID(s): 79689
Non-Human GeneID(s): 117167 (mouse)

Immunogen

Peptide with sequence CVDNTLTRIRQGWERN, from the C Terminus of the protein sequence according to NP_078912.2.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

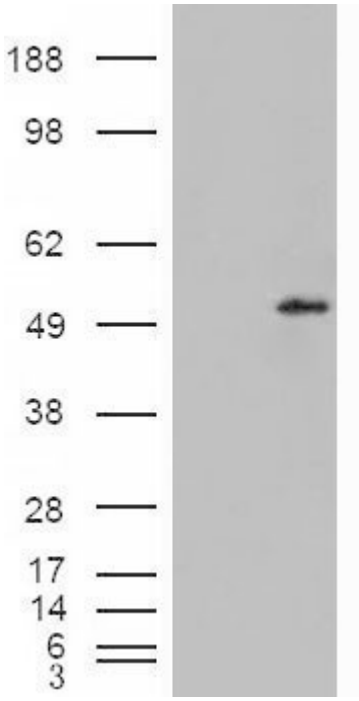
Applications Tested

Peptide ELISA: antibody detection limit dilution 1:4000.
Western blot: Approx. 50-55kDa band observed in Human Adipose lysates (calculated MW of 52.0kDa according to NP_078912.2). In transfected HEK293 transiently expressing Human Dudulin4 a band of approx. 52kDa is observed. This band is not observed in the non-transfected HEK293. Recommended concentration: 0.3-1µg/ml.

Species Reactivity

Tested: Human
Expected from sequence similarity: Human, Mouse, Rat, Dog

EB07980 (0.3µg/ml) staining of Human Adipose lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



HEK293 overexpressing Dudulin4 (RC216917) and probed with EB07980 (mock transfection in first lane), tested by Origene.