



## International Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## 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 CVDNLTLRIRQGWERN, 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.

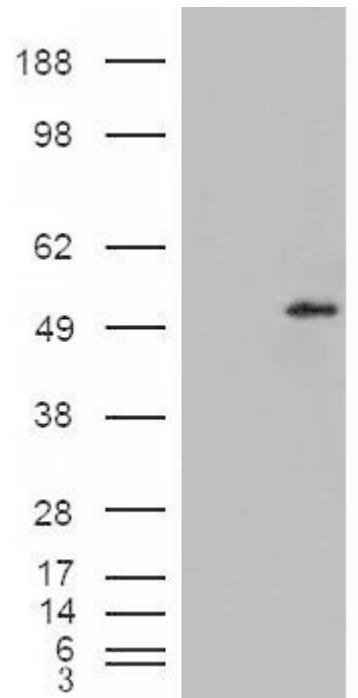
### Species Reactivity

**Tested:** Human

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

250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa  
15kDa

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.