

#### **International Office**

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# EB09115 - Goat Anti-SFRP4 Antibody

Size: 100µg specific antibody in 200µl



### **Target Protein**

Principal Names: SFRP4, secreted frizzled-related protein 4, FRP-4, FRPHE,

MGC26498, secreted frizzled-related protein 4

Official Symbol: SFRP4

Accession Number(s): NP\_003005.2

Human GeneID(s): 6424

Non-Human GenelD(s): 20379 (mouse), 89803 (rat)

### **Immunogen**

Peptide with sequence TNSSCQCPHILPHQD, from the internal region of the protein sequence according to NP\_003005.2.

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 1:32000.

**Western blot:** Approx 40kDa band observed in Human Uterus lysates (calculated MW of 39.8kDa according to NP\_003005.2). Recommended concentration: 1-3µg/ml.

**IHC:** In paraffin embedded Human Uterus shows granular staining in the apical cytoplasm of the endometrial gland. Recommended concentration, 2-4µg/ml.

### **Species Reactivity**

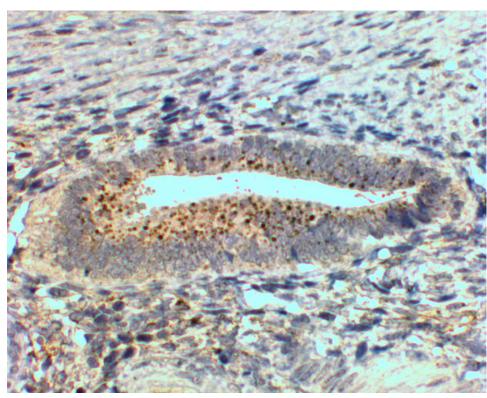
Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Cow, Pig

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

15kDa

EB09115 ( $0.5\mu g/ml$ ) staining of Human Uterus lysate ( $35\mu g$  protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB09115 ( $2\mu g/ml$ ) staining of paraffin embedded Human Uterus. Steamed antigen retrieval with Tris/EDTA buffer pH 9, HRP-staining.