

#### **International Office**

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Research Use Only. Not for diagnostic or therapeutic use.

# EB13098 - Goat Anti-RSPO3 Antibody

Size: 100µg specific antibody in 200µl



# **Target Protein**

**Principal Names:** 

Official Symbol: RSPO3

Accession Number(s): NP\_116173.2

Human GenelD(s): 84870

## **Immunogen**

Peptide with sequence SGYYGTRYPDINKC, from the N Terminus of the protein sequence according to NP\_116173.2.

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 1:128000.

Western blot: Approx 37kDa band observed in lysates of cell lines HeLa, U2OS, A549 and KNRK, and in Mouse Brain lysates (calculated MW of 30.9kDa according to Human NP\_116173.2, and 31.4kDa according to Mouse NP\_082627.3, and Rat NP\_001094460.1). This molecular weight is observed by other sources, and was successfully blocked by incubation with the immunising peptide. Recommended concentration: 0.1-0.3ug//ml. Primary incubation 1 hour at room temperature.

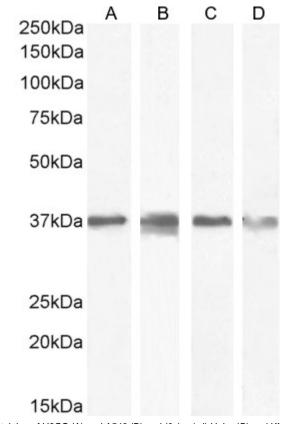
IHC: Paraffin embedded Human Colon. Recommended concentration: 4-6μg/ml. Positive

**IHC:** Paraffin embedded Human Colon. Recommended concentration: 4-6μg/ml. Positive staining was also seen in paraffin embedded Human Kidney at 4ug/ml.

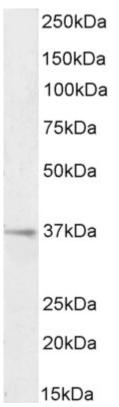
#### **Species Reactivity**

Tested: Human, Mouse, Rat

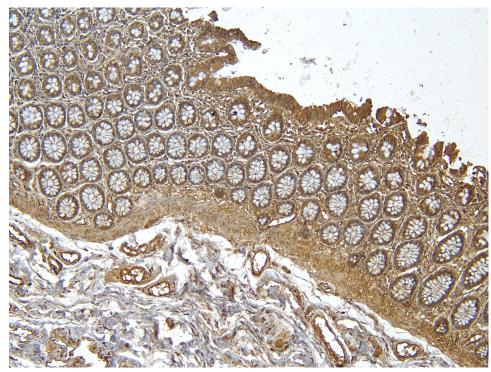
Expected from sequence similarity: Human, Mouse, Rat



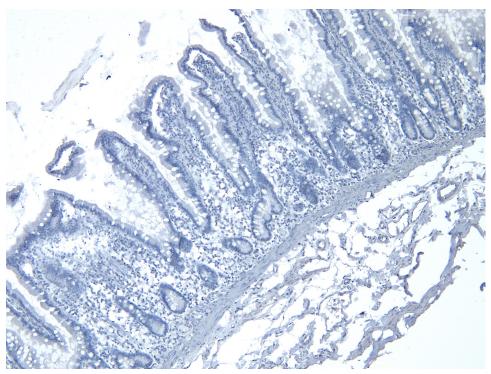
EB13098 (0.3μg/ml) staining of U2OS (A) and A549 (B) and (0.1ug/ml) HeLa (C) and KNRK (D) cell lysate (35μg protein in RIPA buffer). Detected by chemiluminescence.



EB13098 (0.1μg/ml) staining of Mouse Brain lysate (35μg protein in RIPA buffer). Detected by chemiluminescence.



EB13098 (4µg/ml) staining of paraffin embedded Human Colon. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



EB13098 Negative Control showing staining of paraffin embedded Human Colon, with no primary antibody.