



## UK Office

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

## EB06372 - Goat Anti-RGS18 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** RGS18, RGS13, regulator of G-protein signalling 18, regulator of G-protein signaling 13, RP11-142L4.1, regulator of G-protein signalling 13

**Official Symbol:** RGS18

**Accession Number(s):** NP\_570138.1

**Human GeneID(s):** [64407](#)

### Immunogen

Peptide with sequence CNEFQDVQSDVAIWL, from the C Terminus of the protein sequence according to NP\_570138.1.

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 1:16000.

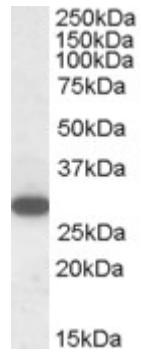
**Western blot:** Approx 28kDa band observed in Human Peripheral Blood Mononucleocytes (lymphocytes) lysates (calculated MW of 27.6kDa according to NP\_570138.1). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour.

**IHC:** Paraffin embedded Human Prostate and Small Intestine. Recommended concentration: 5µg/ml.

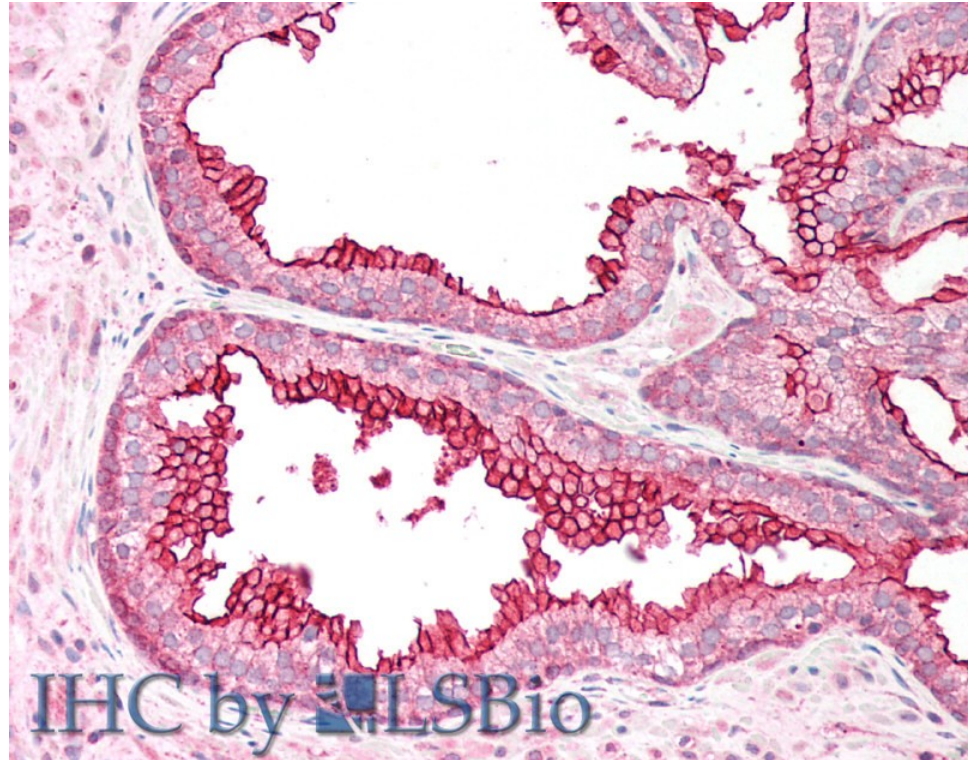
### Species Reactivity

**Tested:** Human

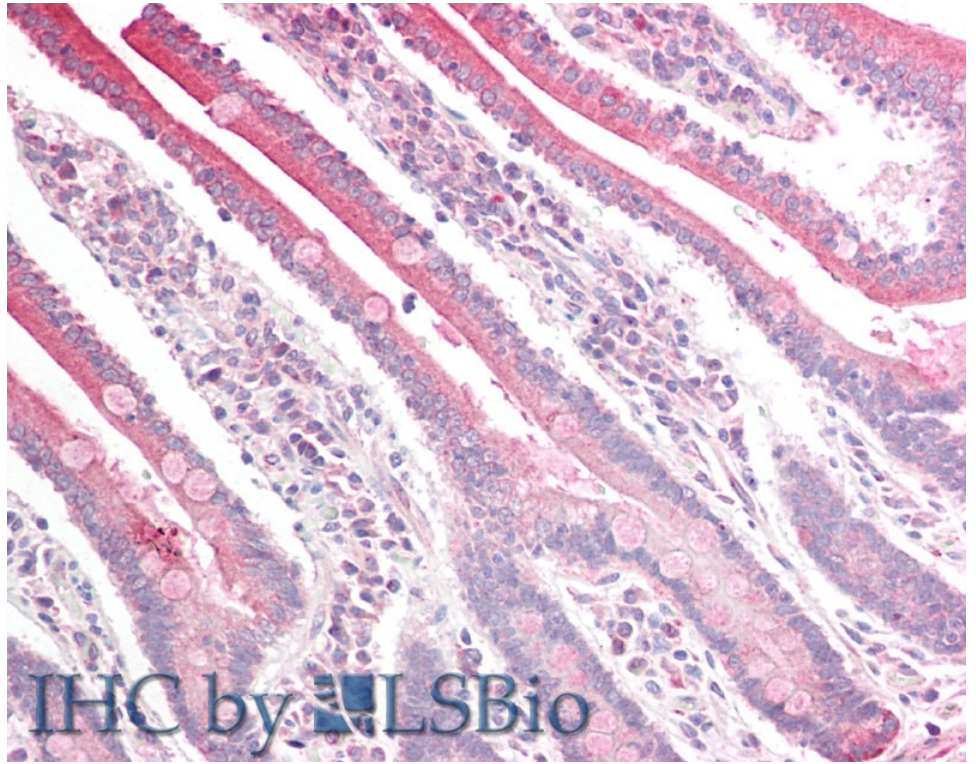
**Expected from sequence similarity:** Human



EB06372 (1 $\mu$ g/ml) staining of Human Peripheral Blood Mononucleocytes lysate (35 $\mu$ g protein in RIPA buffer).  
Detected by chemiluminescence.



EB06372 (5 $\mu$ g/ml) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer  
pH 6, AP-staining.



EB06372 (5 $\mu$ g/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.