

## UK Office

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

## EB06732 - Goat Anti-RICTOR Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** Rictor, KIAA1999, AVO3, MGC39830, likely ortholog of mouse TORC2-specific protein AVO3 (*S. cerevisiae*), rapamycin-insensitive companion of mTOR, mAVO3, pianissimo, DKFZp686B11164, RICTOR, RPTOR independent companion of MTOR, complex 2, PIA, mAVO3, TORC2-specific protein AVO3

**Official Symbol:** RICTOR

**Accession Number(s):** NP\_689969.2

**Human GeneID(s):** [253260](#)

**Non-Human GeneID(s):** 78757 (mouse)

### Immunogen

Peptide with sequence C-KQPIVD TSAES, from the C Terminus of the protein sequence according to NP\_689969.2.

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.

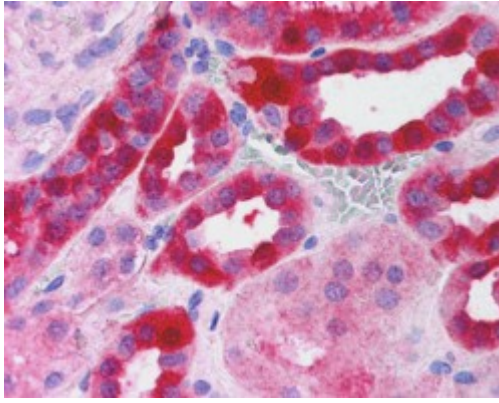
**Western blot:** Preliminary experiments gave an approx 38kDa band in Human Lung Carcinoma A549 cell line and cervix epitheloid carcinoma cell line HeLa lysates after 0.1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 192kDa according to NP\_689969.2. The 38kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

**IHC:** In paraffin embedded Kidney shows strong cytoplasmic staining of epithelial cells in distal convoluted tubules. Recommended concentration, 2-3µg/ml.

### Species Reactivity

**Tested:** Human

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



EB06732 (2.5µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.