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

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

## EB06747 - Goat Anti-Renalase (aa 224 to 233) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** RENALASE, renalase, FAD-dependent amine oxidase, RNLS, hypothetical protein LOC55328, FLJ11218, HGNC:25641, chromosome 10 open reading frame 59, C10orf59, renalase

**Official Symbol:** RNLS

**Accession Number(s):** NP\_001026879.2; NP\_060833.1

**Human GeneID(s):** [55328](#)

**Important Comments:** This antibody is expected to recognise both reported isoforms (NP\_001026879.2 and NP\_060833.1).

### Immunogen

Peptide with sequence C-VSIDNKKRNI, from the internal region of the protein sequence according to NP\_001026879.2; NP\_060833.1.

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 1:64000.

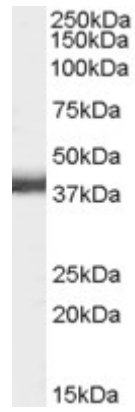
**Western blot:** Approx 37kDa band observed in Human Kidney and Mouse Kidney lysates (calculated MW of 37.8kDa according to NP\_001026879.1 and 34.9kDa according to NP\_060833.1). Recommended concentration: 0.1-0.3µg/ml.

**IHC:** In paraffin embedded Human Kidney, stains cytoplasm in cells of renal tubules and in rare cells in the glomeruli. Recommended concentration, 3µg/ml.

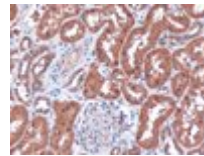
### Species Reactivity

**Tested:** Human, Mouse

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



EB06747 (0.1 $\mu$ g/ml) staining of Mouse Kidney lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB06747 (3 $\mu$ g/ml) staining of paraffin embedded Human Kidney. Microwaved antigen retrieval with citrate buffer pH 6, HRP-staining.