



Everest Biotech Ltd
Cherwell Innovation Centre
77 Heyford Park
Upper Heyford
Oxfordshire
OX25 5HD, United Kingdom

everestbiotech.com

sales@everestbiotech.com

support@everestbiotech.com

Tel +44 1869 238326

Fax +44 1869 238327

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.

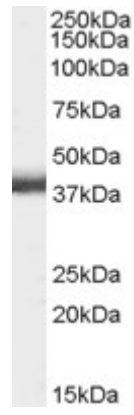
Western blot: Approx 37kDa band observed in Human Kidney and Mouse Kidney lysates (calculated MW of 37.8kDa according to NP_001026879.1 and 34.9kDa according to NP_060833.1). Recommended concentration: 0.1-0.3µg/ml.

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

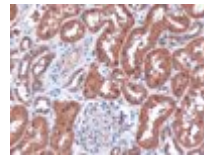
Species Reactivity

Tested: Human, Mouse

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



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



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