

## Goat anti-Renalase (aa 134 to 147) Antibody

<b>Item Number</b>	dAP-1299
<b>Target Molecule</b>	Principle Name: Renalase (aa 134 to 147); Official Symbol: C10orf59; All Names and Symbols: renalase; C10orf59; chromosome 10 open reading frame 59; FLJ11218; Accession Number (s): NP_001026879.1; NP_060833.1; Human Gene ID(s): 55328; Non-Human GeneID(s):
<b>Immunogen</b>	QINLRDDKWEVSKQ, is from Internal region This antibody is expected to recognize both reported isoforms (NP_001026879.1 and NP_060833.1).
<b>Applications</b>	Pep ELISA, WB  Species Tested: Mouse, Rat
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 32000.
<b>Western Blot</b>	Western Blot: Approx 37kDa band observed in Mouse Kidney and Rat Kidney lysates (calculated MW of 37.8kDa according to Human NP_001026879.1 and 35.0kDa according to Rat NP_001014189.1). Recommended concentration: 0.5-1.5µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Xu J, Li G, Wang P, Velazquez H, Yao X, Li Y, Wu Y, Peixoto A, Crowley S, Desir GV. Renalase is a novel, soluble monoamine oxidase that regulates cardiac function and blood pressure. J Clin Invest. 2005 May;115(5):1275-80. Epub 2005 Apr 7. .PMID: 15841207 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**