



Goat anti-Renalase (aa 224 to 233) Antibody

Item Number	dAP-0642
Target Molecule	Principle Name: Renalase (aa 224 to 233); Official Symbol: RNLS; All Names and Symbols: RNLS; renalase; C10orf59; chromosome 10 open reading frame 59 ; HGNC:25641; FLJ11218 ; hypothetical protein LOC55328; renalase, FAD-dependent amine oxidase; RENALASE; Accession Number (s): NP_001026879.2; NP_060833.1; Human Gene ID(s): 55328; Non-Human GeneID(s):
Immunogen	VSIDNKKRNI, is from internal region This antibody is expected to recognise both reported isoforms (NP_001026879.2 and NP_060833.1).
Applications	Pep ELISA, WB Species Tested: Human, Mouse, Rat
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Approx 38+35kDa bands observed in Human Heart lysates, 37kDa band observed in Mouse Heart lysates and approx 35kDa in Rat Heart lysates (calculated MW of 37.8 and 34.9 according to Human NP_001026879.2 and NP_060833.1 resp, of 33.3kDa accor
IHC	
Reference	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 2;115(5):1275-1280. 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**