

## anti- RENALASE antibody

### Product Information

Catalog No.:	FNab07238
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

RNLS, also named as Renalase, C10orf59 and MAO-C, belongs to the renalase family. It is probable FAD-dependent amine oxidase secreted by the kidney, which circulates in blood and modulates cardiac function and systemic blood pressure. RNLS degrades catecholamines such as dopamine, norepinephrine and epinephrine in vitro. It lowers blood pressure in vivo by decreasing cardiac contractility and heart rate and preventing a compensatory increase in peripheral vascular tone, suggesting a causal link to the increased plasma catecholamine and heightened cardiovascular risk. High concentrations of catecholamines activate plasma renalase and promotes its secretion and synthesis. RNLS has physiologically relevant catecholamine-oxidizing activity.(PMID:15841207) This antibody is specific to RNLS.

### Immunogen information

Immunogen:	chromosome 10 open reading frame 59
Synonyms:	C10orf59, MAO C, Monoamine oxidase C, RENALASE, RNLS
Observed MW:	35 kDa
UniprotID :	Q5VYX0

### Application

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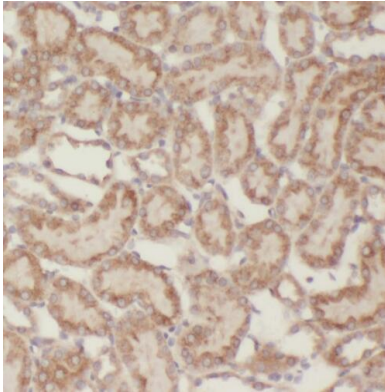
Fax: (0086)027-87800889 [www.fn-test.com](http://www.fn-test.com)

Reactivity: Human, Mouse, Rat

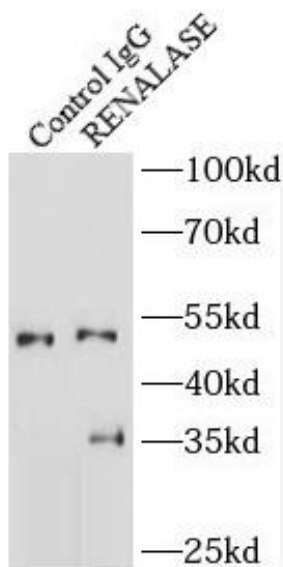
Tested Application: ELISA, WB, IHC, IP

Recommended dilution: WB: 1:500-1:5000; IHC: 1:20-1:200; IP: 1:200-1:2000

Image:



Immunohistochemistry of paraffin-embedded human kidney using FNab07238(RENALASE antibody) at dilution of 1:100



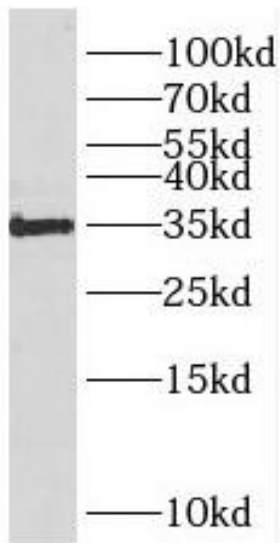
IP Result of anti-RENALASE (IP:FNab07238, 4ug; Detection:FNab07238 1:500) with HEK-293 cells lysate 2000ug.

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human heart tissue were subjected to SDS PAGE followed by western blot with FNab07238(RENALASE antibody) at dilution of 1:500