

Mouse RENALASE Monoclonal Antibody | anti-RENALASE antibody

RENALASE Mouse Monoclonal

CATALOG # AAA27493	HOST Mouse	APPLICATIONS ELISA, Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

RENALASE; Monoclonal Antibody; RENALASE Mouse Monoclonal; C10orf59; MAO C; Monoamine oxidase C; RNLS; anti-RENALASE antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Specificity	Human; other species are not tested. Please decide the specificity by homology
Purity/Purification	Purity: >=95% as determined by SDS-PAGE Purification: Protein A+G purification
Form/Format	Liquid; PBS with 0.1% sodium azide and 50% glycerol pH 7.3
Applicable Applications for anti-RENALASE antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Application Notes	WB: 1:1000-1:10000 IHC: 1:20-1:200
Immunogen	Renalase
Preparation and Storage	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)

IMAGES



WB (Western Blot)

human heart tissue were subjected to SDS PAGE followed by western blot with AAA27493 (RENALASE antibody) at dilution of 1:2000



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney using AAA27493 (RENALASE Antibody) at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-RENALASE antibody

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.

NCBI AND UNIPROT INFORMATION

UniProt Accession #	Q5VYX0
Molecular Weight	38kDa

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/renalase-antibody-western-blot-immunohistochemistry-elisa/27493>