

Mouse anti-Rat, Pig Renin Monoclonal Antibody | anti-REN antibody

Monoclonal Antibody to Renin (REN)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA141288	Mouse	Rat, Pig	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Renin; Monoclonal Antibody; Monoclonal Antibody to Renin (REN); anti-REN antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Rat, Pig
Clonality	Monoclonal
Isotype	IgG2b Kappa
Clone Number	3#
Specificity	The antibody is a mouse monoclonal antibody raised against REN. It has been selected for its ability to recognize REN in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	0.5mg/ml (varies by lot)
Sequence	Antigen: The target protein is fused with N-terminal His-Tag and the sequence is listed below. MG HHHHHHSGSE F-TLLCEEGC MAVVDGTGSY ISGPTSSLQL IMQALGVKEK RANNYVVNCS QVPTLPDISF YLGGRYTLS NMDYVQKNPF RNDLCILAL QGLDIPPTG PVWVLGAT
Sequence Length	406
Applicable Applications for anti-REN antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Organism Species	Rattus norvegicus (Rat)
Cross Reactivity	Rat
Conjugate	No Conjugate
Immunogen	Recombinant REN (Thr275~Phe389) expressed in E. coli.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



WB (Western Blot)
Western Blot: Sample: RecombinantREN,Rat



WB (Western Blot)
Western Blot: Sample: Rat Pancreas lysate; Primary Ab: 2ug/ml Mouse Anti-Rat TFF2
Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	148747255
NCBI GeneID	24715
NCBI Accession #	NP_036774.4
NCBI GenBank Nucleotide #	NM_012642.4
UniProt Accession #	P08424; Q63497
Molecular Weight	44,276 Da
NCBI Official Full Name	renin
NCBI Official Synonym Full Names	renin
NCBI Official Symbol	Ren
NCBI Official Synonym Symbols	Ren1; RENAA; RATRENAA
NCBI Protein Information	renin
UniProt Protein Name	Renin
UniProt Gene Name	Ren1
UniProt Synonym Gene Names	Ren

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/renin-antibody-clone-3-immunohistochemistry-immunocytochemistry-western-blot-elisa/141288>