



Anti-REN1 polyclonal antibody (DPABY-317)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	View Renin IHC images.
Specificity	Detects mouse Renin 1 in ELISAs and Western blots. In sandwich immunoassays, approximately 5% cross-reactivity with recombinant Rat Renin is observed, and less than 0.2% cross-reactivity with recombinant human Renin is observed.
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse Renin 1 . Leu22-Arg402 Accession Number P06281
Isotype	IgG
Source/Host	Goat
Species Reactivity	Mouse
Purification	Antigen Affinity-purified
Conjugate	Unconjugated
Applications	Western Blot, Immunohistochemistry, Immunoprecipitation, ELISA Capture (Matched Pair)
Format	Liquid
Size	100 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.
Preservative	None
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. 6 months, -20 to -70 °C under sterile conditions after reconstitution.

GENE INFORMATION

Gene Name	Ren1 renin 1 structural [Mus musculus (house mouse)]
Official Symbol	REN1
Synonyms	REN1; renin 1 structural; Ren; Rnr; Rn-1; Ren-1; Ren-A; Ren1c; Ren1d; D19352; renin-1; renin b; kidney renin; aspartyl-protease; angiotensinogenase;
Entrez Gene ID	19701
Protein Refseq	NP_112469
UniProt ID	P06281
Chromosome Location	1 E4; 1 57.91 cM
Pathway	ACE Inhibitor Pathway; Metabolism of Angiotensinogen to Angiotensins; Metabolism of proteins; Peptide hormone metabolism; Renin-angiotensin system;
Function	aspartic-type endopeptidase activity; endopeptidase activity; hydrolase activity; insulin-like growth factor receptor binding; peptidase activity; receptor binding;