

RGN rabbit monoclonal antibody

Catalog # H00009104-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human RGN peptide using ARM Technology.
Immunogen	A synthetic peptide of human RGN is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human RGN peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — RGN

Entrez GeneID	9104
GeneBank Accession#	RGN
Gene Name	RGN
Gene Alias	RC, SMP30
Gene Description	regucalcin (senescence marker protein-30)
Omim ID	300212
Gene Ontology	Hyperlink
Gene Summary	<p>The protein encoded by this gene is a highly conserved, calcium-binding protein, that is preferentially expressed in the liver and kidney. It may have an important role in calcium homeostasis. Studies in rat indicate that this protein may also play a role in aging, as it shows age-associated down-regulation. This gene is part of a gene cluster on chromosome Xp11.3-Xp11.23. Alternative splicing results in two transcript variants having different 5' UTRs, but encoding the same protein. [provided by RefSeq]</p>
Other Designations	OTTHUMP00000023195 OTTHUMP00000023196 regucalcin senescence marker protein-30