

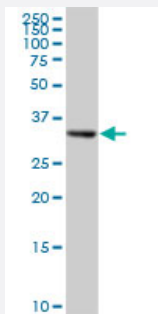
MaxPab®

RGN purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00009104-B01P

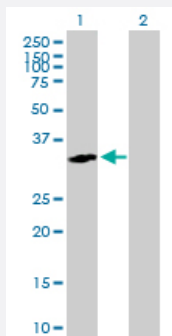
Size 50 ug

Applications



Western Blot (Tissue lysate)

RGN MaxPab polyclonal antibody. Western Blot analysis of RGN expression in human liver.



Western Blot (Transfected lysate)

Western Blot analysis of RGN expression in transfected 293T cell line ([H00009104-T01](#)) by RGN MaxPab polyclonal antibody.

Lane 1: RGN transfected lysate(32.89 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human RGN protein.

Immunogen

RGN (NP_004674.1, 1 a.a. ~ 299 a.a) full-length human protein.

Sequence

MSSIKIECVLPENCRCGESPVWEEVSNLLFVDIPAKKVCRWDSFTKQVQRVTMDAPVSSVALR
QSGGYVATIGTKFCALNWKEQSAVVLATVDNDKKNRNFNDGKVDPAGRYFAGTMAEETAPAVLE
RHQGALYSLFPDHHVKKYFDQVDISNGLDWSLDHKIFYIDSLSYSVDAFDYDLQTGQISNRRSVY
KLEKEEQIPDGMCIDAEGLWVACYNGGRVIRLDPVTGKRLQTVKLPVDKTTSCCFGGKNYSEMY
VTCARDGMDPEGLLRQPEAGGIFKITGLGVKGIAPYSYAG

Host

Mouse

Reactivity	Human
Interspecies Antigen Sequence	Rat (88)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

RGN MaxPab polyclonal antibody. Western Blot analysis of RGN expression in human liver.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of RGN expression in transfected 293T cell line ([H00009104-T01](#)) by RGN MaxPab polyclonal antibody.

Lane 1: RGN transfected lysate(32.89 KDa).

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[Protocol Download](#)

Gene Info — RGN

Entrez GeneID	9104
GeneBank Accession#	NM_004683.4
Protein Accession#	NP_004674.1
Gene Name	RGN
Gene Alias	RC, SMP30
Gene Description	regucalcin (senescence marker protein-30)
Omim ID	300212
Gene Ontology	Hyperlink

Gene Summary

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]

Other Designations

OTTHUMP00000023195|OTTHUMP00000023196|regucalcin|senescence marker protein-30