

# RGN Polyclonal Antibody

Product Details	
Size	100 µl
Species Reactivity	Human
Host/Isotope	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant protein corresponding to Human RGN
Form	Liquid
Concentration	0.05 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.2, with 40% glycerol
Contains	0.02% sodium azide
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2646510

Applications	Tested	Dilution	Published
Immunocytochemistry (ICC)	✓	1-4 µg/mL	
Immunofluorescence (IF)	✓	1-4 µg/mL	
Immunohistochemistry (IHC)	✓	1:200-1:500	
Western Blot (WB)	✓	0.4 µg/mL	

## Product Specific Information

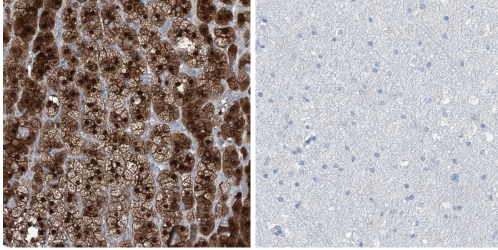
Immunogen sequence: ALYSLFPDHH VKKYFDQVDI SNGLDWSLDH KIFYIDSL S YSVDAFDYDL QTGQISNRRS VYKLEKEEQI PDGMC

Highest antigen sequence identity to the following orthologs: Mouse - 92%, Rat - 91%.

## Advanced Verification Data

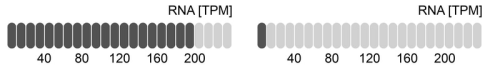
### RGN Antibody (PA5-56056)

Relative expression in different tissues in IHC: Detection of differential expression levels of RGN demonstrates antibody specificity. Immunohistochemical analysis of RGN using anti-RGN Polyclonal Antibody (Product # PA5-56056), shows significant staining of RGN in human adrenal gland and shows minimal or weak staining in human human cerebral cortex tissues. The relative expression levels of RGN within each tissue is shown using RNA-Seq. Relative expression validation info.

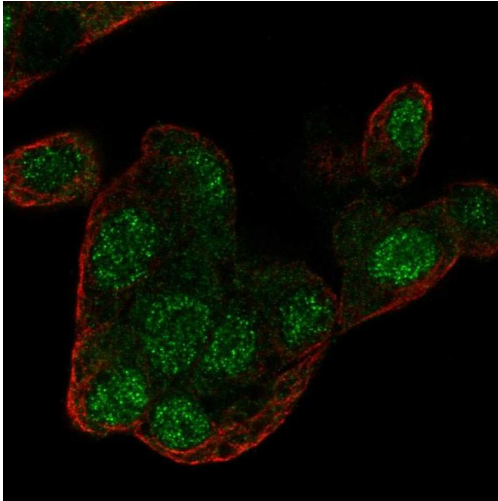


RGN in Adrenal gland

RGN in Cerebral cortex



## Product Images For RGN Polyclonal Antibody

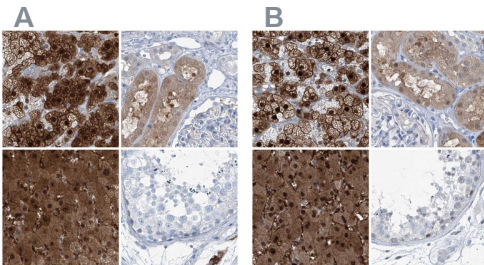


### RGN Antibody (PA5-56056) in IF

Immunofluorescent staining of RGN in human cell line Hep G2 shows positivity in nucleus. Samples were probed using a RGN Polyclonal Antibody (Product # PA5-56056).

### RGN Antibody (PA5-56056) in IHC

Immunohistochemical staining of RGN in human adrenal gland, kidney, liver and testis using RGN Polyclonal Antibody (Product # PA5-56056) (A) shows similar protein distribution across tissues to an independent RGN Polyclonal Antibody (B).



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