For Research Use Only

ROGDI Polyclonal antibody

Catalog Number:17047-1-AP Featured Product 5 Publications

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Basic Information

Catalog Number:
17047-1-AP

Size:
150ul , Concentration: 300 ug/ml by Nanodrop and 233 ug/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG10688

GenBank Accession Number:
BC012901

GeneID (NCBI):
79641

UNIPROT ID:
Q9GZN7

Full Name:
rogdi homolog (Drosophila)

Calculated MW:
287 aa, 32 kDa

Observed MW:
32 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:500-1:2000
IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
IHC 1:20-1:200

Applications

Tested Applications:
WB, IP, IHC, ELISA

Cited Applications:
WB, IF, IHC

Species Specificity:
human, mouse

Cited Species:
human, rat, mouse, Drosophila

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : human brain tissue, human kidney tissue, mouse brain tissue

IP : mouse brain tissue,

IHC : human kidney tissue, human placenta tissue, human spleen tissue

Background Information

ROGDI encoded by the ROGDI gene, which encodes a leucine-zipper protein with high expression in the human spinal cord and brain, acts as a positive regulator of cell proliferation. Defections of ROGDI are the cause of Kohlschuetter-Toenz syndrome (KTZS)

Notable Publications

Author	Pubmed ID	Journal	Application
Donatus Riemann	29150638	Sci Rep	WB, IF
Yi-Fan Chen	27636029	Cancer Biol Ther	WB
Alexandra Jimenez-Armijo	38172607	Sci Rep	IHC

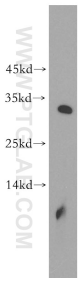
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

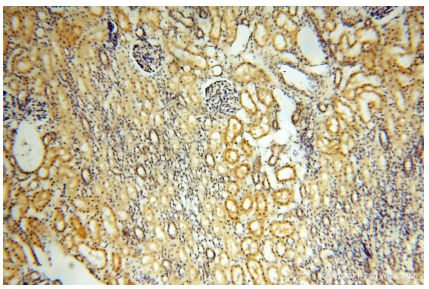
*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

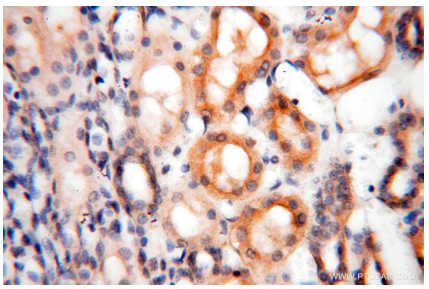
Selected Validation Data



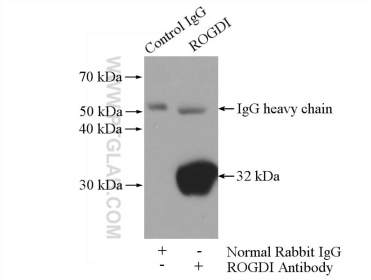
human brain tissue were subjected to SDS PAGE followed by western blot with 17047-1-AP (ROGDI antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney using 17047-1-AP (ROGDI antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human kidney using 17047-1-AP (ROGDI antibody) at dilution of 1:100 (under 40x lens).



IP result of anti-ROGDI (IP:17047-1-AP, 4ug; Detection:17047-1-AP 1:500) with mouse brain tissue lysate 4000ug.