

For Research Use Only

NPR1 Polyclonal antibody

Catalog Number: 55116-1-AP

Featured Product

2 Publications



Basic Information

Catalog Number:

55116-1-AP

Size:

150ul, Concentration: 600 ug/ml by Nanodrop and 200 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_000906

GeneID (NCBI):

4881

UNIPROT ID:

P16066

Full Name:

natriuretic peptide receptor A/guanylate cyclase A (atrionatriuretic peptide receptor A)

Calculated MW:

119 kDa

Observed MW:

119 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

IHC 1:100-1:400

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human

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 : SGC-7901 cells,

IHC : human stomach cancer tissue,

Notable Publications

Author	Pubmed ID	Journal	Application
Jia Zhang	25419351	Int J Clin Exp Med	WB
Xingyan Xu	31439665	J Biol Chem	WB

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

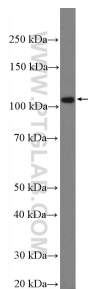
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

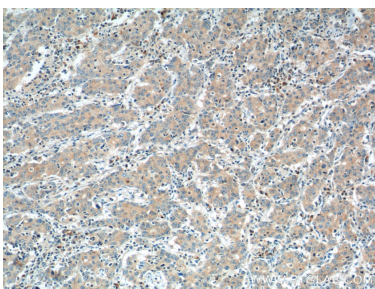
E: proteintech@ptglab.com
W: ptglab.com

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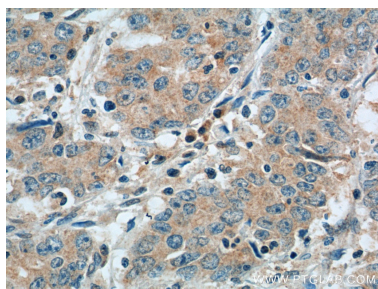
Selected Validation Data



SGC-7901 cells were subjected to SDS PAGE followed by western blot with 55116-1-AP (NPR1 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 55116-1-AP (NPR1 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 55116-1-AP (NPR1 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).