

For Research Use Only

GEMIN6 Polyclonal antibody

Catalog Number: 12307-2-AP

2 Publications



Basic Information

Catalog Number:

12307-2-AP

Size:

150ul, Concentration: 750 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2954

GenBank Accession Number:

BC018195

GeneID (NCBI):

79833

UNIPROT ID:

Q8WXD5

Full Name:

gem (nuclear organelle) associated protein 6

Calculated MW:

167 aa, 19 kDa

Observed MW:

19 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

IHC 1:50-1:500

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, 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 : HEK-293 cells, HeLa cells

IHC : human breast cancer tissue,

IF/ICC : PC-3 cells,

Background Information

GEMIN6, also named as SIP2, is a subunit of SMN complex. It plays an important role in the splicing of cellular pre-mRNAs.

Notable Publications

Author	Pubmed ID	Journal	Application
Anne-Sophie Gribling-Burrer	28115638	Nucleic Acids Res	WB
Jonathan Bizarro	26275778	Nucleic Acids Res	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

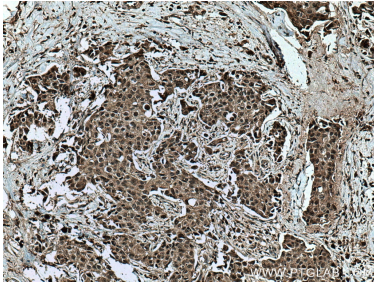
For technical support and original validation data for this product please contact:

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

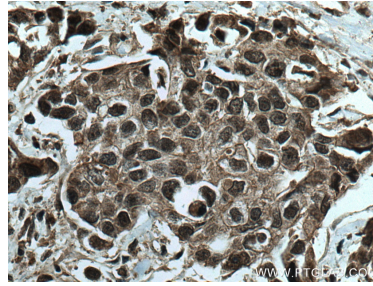
E: proteintech@ptglab.com
W: ptglab.com

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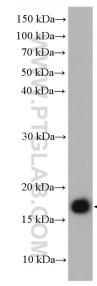
Selected Validation Data



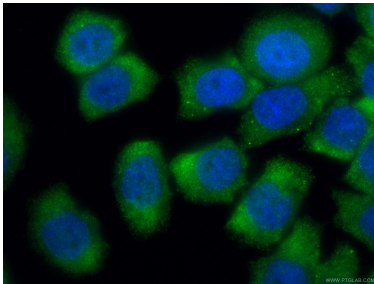
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 12307-2-AP (GEMIN6 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 12307-2-AP (GEMIN6 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



HEK-293 cells were subjected to SDS PAGE followed by western blot with 12307-2-AP (GEMIN6 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed PC-3 cells using 12307-2-AP (GEMIN6 antibody) at dilution of 1:100 and CoraLite488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).