

For Research Use Only

GRB7 Polyclonal antibody

Catalog Number: 10045-1-Ig

Featured Product

2 Publications



Basic Information

Catalog Number: 10045-1-Ig	GenBank Accession Number: BC006535	Purification Method: Protein A purification
Size: 150ul , Concentration: 3000 µg/ml by Nanodrop and 1027 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 2886	Recommended Dilutions: WB 1:500-1:2000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
Source: Rabbit	Full Name: growth factor receptor-bound protein 7	IHC 1:50-1:500 IF 1:10-1:100
Isotype: IgG	Calculated MW: 532 aa, 60 kDa	
Immunogen Catalog Number: AG0023	Observed MW: 60-70 kDa	

Applications

Tested Applications: IF, IHC, IP, WB, ELISA	Positive Controls:
Cited Applications: IHC, WB	WB : A431 cells, HEK-293 cells
Species Specificity: human, mouse	IP : A431 cells,
Cited Species: human, mouse	IHC : human colon cancer tissue, IF : A431 cells,

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

Background Information

Grb7 belongs to a family of adapter proteins. This family, including Grb10, Grb7 and Grb 14, contains a praline-rich, a RA, a PH, a BPS and SH2 domain. Grb7 associate with a number of receptors including EGFR and FAK. Functions of Grb7 include mobility because it associates receptors such FAK, and direct evidence from overexpression of this proteins. This antibody recognize the N-terminal of GRB7.

Notable Publications

Author	Pubmed ID	Journal	Application
Qiong Xu	34783299	Bioengineered	WB,IHC
Mu-Xin Zhang	36699092	Front Pharmacol	WB

Storage

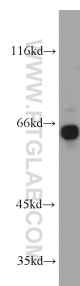
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

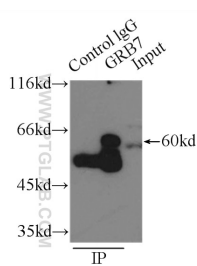
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

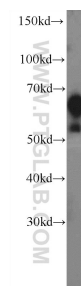
Selected Validation Data



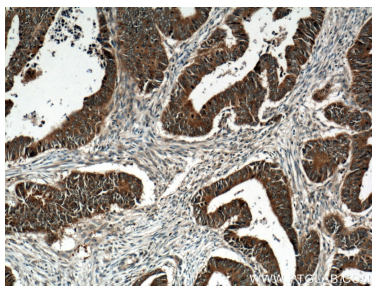
A431 cells were subjected to SDS PAGE followed by western blot with 10045-1-Ig (GRB7 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



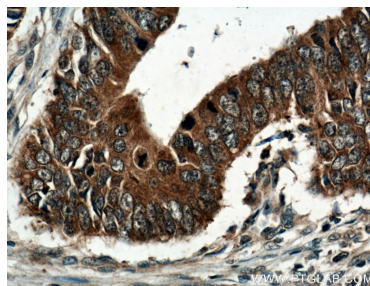
IP Result of anti-GRB7 (IP:10045-1-Ig, 3ug; Detection:10045-1-Ig 1:500) with A431 cells lysate 3300ug.



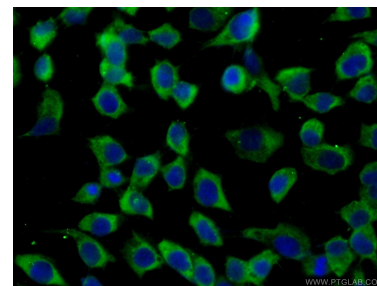
HEK-293 cells were subjected to SDS PAGE followed by western blot with 10045-1-Ig (GRB7 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 10045-1-Ig (GRB7 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 colon cancer tissue slide using 10045-1-Ig (GRB7 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed A431 cells using 10045-1-Ig(GRB7 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).