

For Research Use Only

TGFB111 Recombinant antibody

Catalog Number: 85859-5-RR



Basic Information

Catalog Number: 85859-5-RR	GenBank Accession Number: BC001830	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 7041	CloneNo.: 250139E8
Source: Rabbit	UNIPROT ID: O43294	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: transforming growth factor beta 1 induced transcript 1	
Immunogen Catalog Number: AG0868	Calculated MW: 48 kDa	
	Observed MW: 48-50 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, rat colon tissue, SKOV-3 cells
Species Specificity: human, rat	

Background Information

HIC5 (Hydrogen Peroxide-Inducible Clone 5), also known as TGFB111, ARA55, or TSC-5. It was first identified in 1994 as a gene induced by transforming growth factor- β (TGF- β) or hydrogen peroxide (PMID: 36222304). HIC5 is a member of the Paxillin protein family and functions as a molecular adapter, delivering signals when the cellular adhesion environment changes. Given its role in cancer and fibrotic diseases, HIC5 is a potential therapeutic target. For example, targeting HIC5 or the GR tau2 region could modulate the set of genes regulated by GR, providing opportunities for intervention (PMID: 24591583).

Storage

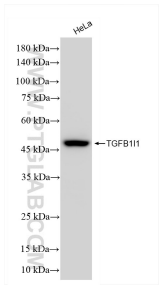
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

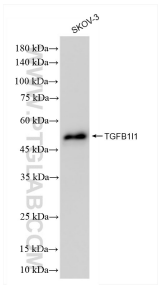
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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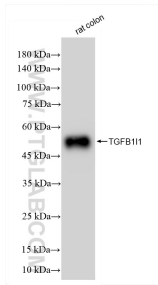
Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 85859-5-RR (TGFβ11 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



SKOV-3 cells were subjected to SDS PAGE followed by western blot with 85859-5-RR (TGFβ11 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



rat colon tissue were subjected to SDS PAGE followed by western blot with 85859-5-RR (TGFβ11 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.