

For Research Use Only

# TGFB1I1 Recombinant antibody, PBS Only

Catalog Number: 85859-5-PBS



## Basic Information

|                                     |   |  |
|-------------------------------------|---|--|
| Catalog Number:<br>85859-5-PBS      | GenBank Accession Number:<br>BC001830                                   | Purification Method:<br>Protein A purification |
| Concentration:<br>1 mg/ml           | GeneID (NCBI):<br>7041  | CloneNo.:<br>250139E8                          |
| Source:<br>Rabbit                   | UNIPROT ID:<br>O43294   |  |
| Isotype:<br>IgG                     | Full Name:<br>transforming growth factor beta 1<br>induced transcript 1 |  |
| Immunogen Catalog Number:<br>AG0868 | Calculated MW:<br>48 kDa  |  |
|                                     | Observed MW:<br>48-50 kDa   |  |

## Applications

Tested Applications:  
WB, Indirect ELISA

Species Specificity:  
human, rat

## Background Information

HIC5 (Hydrogen Peroxide-Inducible Clone 5), also known as TGFB1I1, ARA55, or TSC-5. It was first identified in 1994 as a gene induced by transforming growth factor- $\beta$  (TGF- $\beta$ ) 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 -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:  
PBS only, pH7.3

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

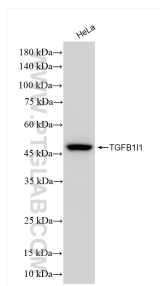
T: 4006900926

E: Proteintech-CN@ptglab.com

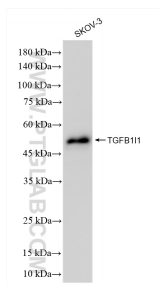
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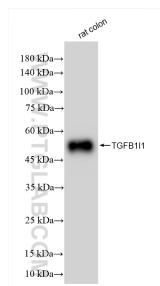
## Selected Validation Data



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. This data was developed using the same antibody clone with 85859-5-PBS in a different storage buffer formulation.



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. This data was developed using the same antibody clone with 85859-5-PBS in a different storage buffer formulation.



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. This data was developed using the same antibody clone with 85859-5-PBS in a different storage buffer formulation.