

For Research Use Only

TGFB111 Recombinant antibody

Catalog Number: 85859-5-RR



Basic Information

Catalog Number:

85859-5-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0868

GenBank Accession Number:

BC001830

GeneID (NCBI):

7041

UNIPROT ID:

O43294

Full Name:

transforming growth factor beta 1
induced transcript 1

Calculated MW:

48 kDa

Observed MW:

48-50 kDa

Purification Method:

Protein A purification

CloneNo.:

250139E8

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, rat

Positive Controls:

WB : HeLa cells, rat colon tissue, SKOV-3 cells

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

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

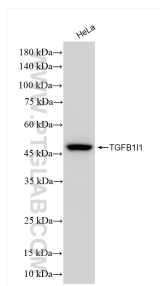
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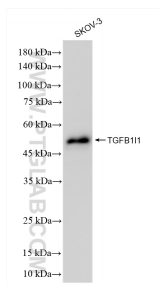
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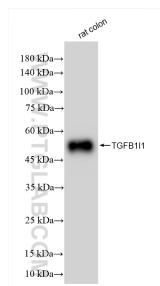
Selected Validation Data



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.