

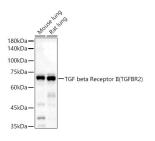
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TGFBR2 Polyclonal Antibody

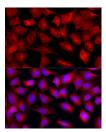
Catalog No.E-AB-60307ReactivityH,M,RStorageStore at -20°C. Avoid freeze / thaw cycles.HostRabbitApplicationsWB,IFIsotypeIgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

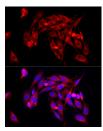
Images



Western blot analysis of extracts of various cell lines using TGF beta Receptor II (TGFBR2) Polyclonal Antibody at 1:500 dilution.



Immunofluorescence analysis of HeLa cells using TGF beta Receptor II (TGFBR2) Polyclonal Antibody at dilution of 1:250 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using TGF beta Receptor II (TGFBR2) Polyclonal antibody at dilution of 1:250 (40x lens). Blue: DAPI for nuclear staining.

Immunogen Information

Immunogen Recombinant fusion protein of human TGFBR2

 GeneID
 7048

 Swissprot
 P37173

Synonyms AAT3,FAA3,LDS1B,LDS2,LDS2B,MFS2,RIIC,TAA

D2,TGFR-2,TGFbeta-RII,TGF beta Receptor

II,TGFBR2

Product Information

Calculated MW 64kDa/67kDa

Observed MW 70KDa

Buffer PBS with 0.05% proclin300,50% glycerol,pH7.3.

Purify Affinity purification

Dilution WB 1:500-1:2000,IF 1:50-1:200

Background

This gene encodes a member of the Ser/Thr protein kinase family and the TGFB receptor subfamily. The encoded protein is a transmembrane protein that has a protein kinase domain, forms a heterodimeric complex with another receptor protein, and binds TGF-beta. This receptor/ligand complex phosphorylates proteins, which then enter the nucleus and regulate the transcription of a subset of genes related to cell proliferation. Mutations in this gene have been associated with Marfan Syndrome, Loeys-Deitz Aortic Aneurysm Syndrome, and the development of various types of tumors. Alternatively spliced transcript variants encoding different isoforms have been characterized.

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