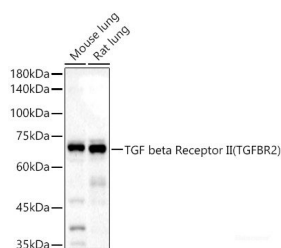


TGFBR2 Polyclonal Antibody

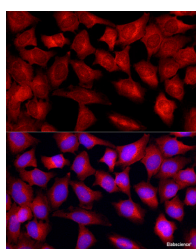
Catalog No.	E-AB-60307	Reactivity	H,M,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB,IF	Isotype	IgG

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

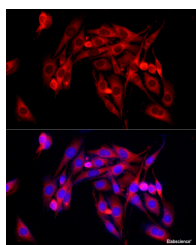
Images



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 TGFBR2 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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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.