

TGFBR2 Polyclonal Antibody

Catalog No.	A11788	Category	Polyclonal Antibodies
Applications	WB, IHC, IF	Observed MW	85kDa
Cross-reactivity	Human, Mouse, Rat	Calculated MW	64kDa/67kDa

Immunogen Information

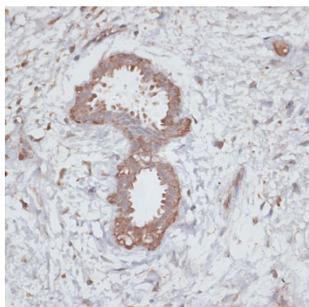
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 23-280 of human TGFBR2 (NP_003233.4).
Gene ID	7048
Swiss prot	P37173
Synonyms	TGFBR2; AAT3; FAA3; LDS1B; LDS2; LDS2B; MFS2; RIIC; TAAD2; TGFR-2; TGFbeta-RII; TGF-beta receptor type-2

Product information

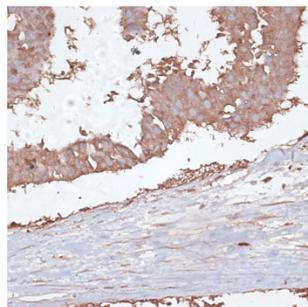
Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

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.



Immunohistochemistry - TGFBR2 Polyclonal Antibody (A11788)



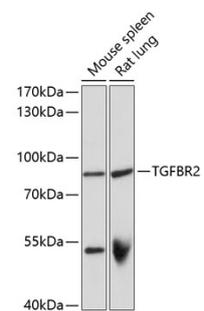
Immunohistochemistry - TGFBR2 Polyclonal Antibody (A11788)

Recommended Dilutions

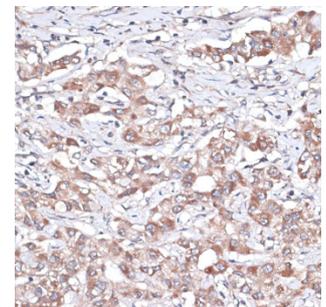
WB 1:500 -
1:2000

IHC 1:50 -
1:200

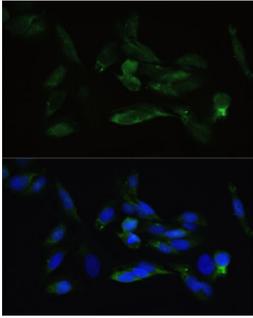
IF 1:50 -
1:200



Western blot - TGFBR2 Polyclonal Antibody (A11788)



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Immunofluorescence - TGFBR2 Polyclonal Antibody (A11788)