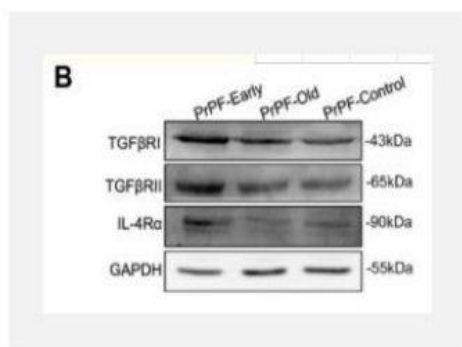


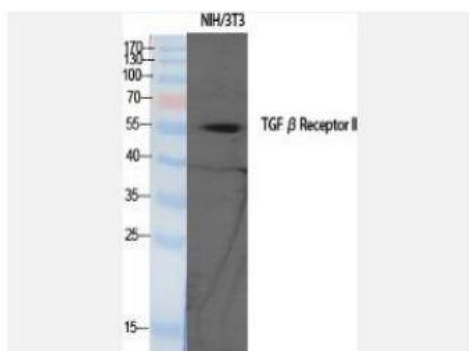
## TGFβ RII Polyclonal Antibody

<b>Catalog No.</b>	IPB0041
<b>Reactivity</b>	Human; Mouse;
<b>Applications</b>	WB; IHC-p; ELISA
<b>Dilution</b>	WB: 1:500-1:2000    IHC: 1:50-1:200    ELISA: 1:5000
<b>Gene Name</b>	TGFBR2
<b>Protein Name</b>	TGF-beta receptor type-2
<b>Human Gene Id</b>	7048
<b>Swiss-Prot</b>	P37173
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 05% BSA and 002% sodium azide
<b>Source</b>	Rabbit
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
<b>Concentration</b>	1 mg/ml
<b>Storage&amp;Stability</b>	-20°C/1 year
<b>Subcellular Location</b>	Cell membrane; Single-pass type I membrane protein Membrane raft [Isoform 3]: Secreted
<b>MW</b>	64568
<b>Background</b>	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

### Products Images:



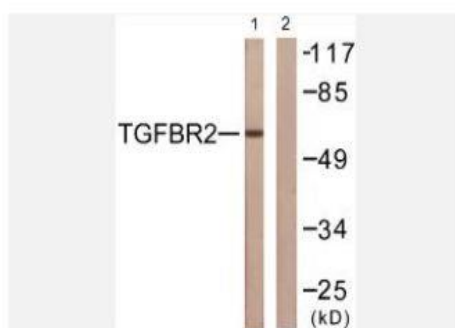
Sheng, Jindong, et al. "M2 macrophage-mediated interleukin-4 signalling induces myofibroblast phenotype during the progression of benign prostatic hyperplasia." *Cell death & disease* 9.7 (2018).



Western Blot analysis of various cells using TGFβ RII  
Polyclonal Antibody diluted at 1:1000



Western blot analysis of 3T3 lysis using TGFβ RII antibody.  
Antibody was diluted at 1:1000



Western blot analysis of lysates from NIH/3T3 cells, using TGF  
beta Receptor II Antibody. The lane on the right is blocked  
with the synthesized peptide.