

TGFBR2 Polyclonal Antibody

Catalog No: #29096



Package Size: #29096-1 50ul #29096-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

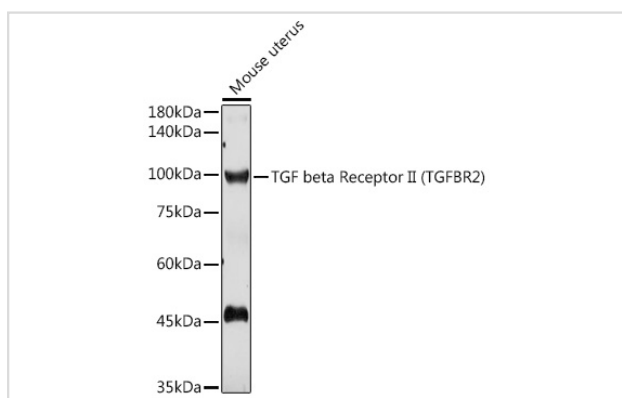
Description

Product Name	TGFBR2 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human TGF beta Receptor II (TGF beta Receptor II (TGFBR2)) (NP_003233.4).
Other Names	AAT3;FAA3;LDS1B;LDS2;LDS2B;MFS2;RIIC;TAAD2;TGFR-2;TGFbeta-RII;TGF beta Receptor II;TGFBR2
Accession No.	Uniprot:P37173GenelD:7048
Calculated MW	64kDa/67kDa
SDS-PAGE MW	90KDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

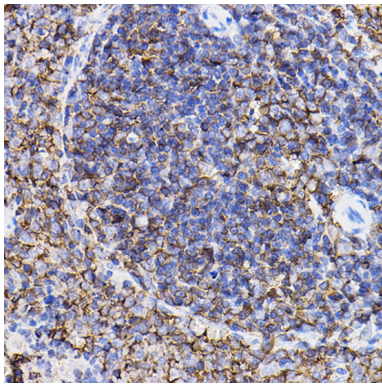
Application Details

WB □ 1:500 - 1:2000 IHC □ 1:50 - 1:200

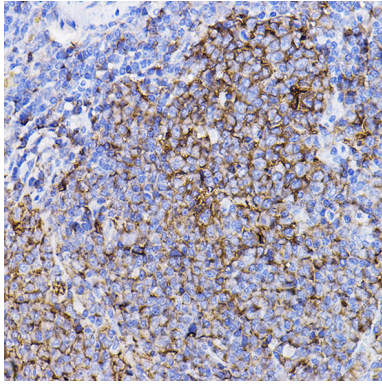
Images



Western blot analysis of extracts of Mouse uterus, using TGF beta Receptor II (TGF beta Receptor II (TGFBR2)) antibody.



Immunohistochemistry of paraffin-embedded rat spleen using TGF beta Receptor II (TGF beta Receptor II (TGFB2)) Rabbit pAb.



Immunohistochemistry of paraffin-embedded mouse spleen using TGF beta Receptor II (TGF beta Receptor II (TGFB2)) Rabbit pAb.

Background

This gene encodes a member of the Ser/Thr protein kinase family and the TGF β 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- β . 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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.