bs-18064R

[Primary Antibody]

Bioss ANTIBODIES

phospho-TGF beta Receptor II (Tyr336) Rabbit pAb

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DATASHEET -

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GenelD: 7048 **SWISS:** P37173

Target: TGF beta Receptor II (Tyr336)

Immunogen: KLH conjugated synthesised phosphopeptide derived from human

TGF beta Receptor II around the phosphorylation site of Tyr336:

QE(p-Y)LT.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

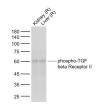
freeze/thaw cycles.

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.

VALIDATION IMAGES



Sample: Lane 1: Rat Kidney tissue lysates Lane 2: Rat Liver tissue lysates Primary: Anti-phospho-TGF beta Receptor II (Tyr336) (bs-18064R) at 1/200 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 62 kD Observed band size: 60 kD Applications: WB (1:500-2000)

Reactivity: Rat (predicted: Human,

Mouse)

Predicted 62 kDa

Subcellular Cell membrane