bs-18067R

[Primary Antibody]

phospho-TGF beta Receptor II (Ser225) Rabbit

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DATASHEET -

pAb

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GeneID: 7048 **SWISS:** P37173

Target: TGF beta Receptor II (Ser225)

Immunogen: KLH conjugated synthesised phosphopeptide derived from human

TGF beta Receptor II around the phosphorylation site of Ser225:

DR(p-S)DI.

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.

Applications: WB (1:500-2000)

400-901-9800

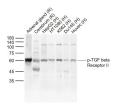
Reactivity: Human, Rat

(predicted: Mouse)

Predicted 62 kDa MW.:

Subcellular Cell membrane

VALIDATION IMAGES



Sample: Lane 1: Rat Adrenal gland tissue lysates Lane 2: Rat Cerebrum tissue lysates Lane 3: Human HepG2 cell lysates Lane 4: Human HT1080 cell lysates Lane 5: Human K562 cell lysates Lane 6: Human Du145 cell lysates Lane 7: Human Huvec cell lysates Primary: Antiphospho-TGF beta Receptor II (Ser225) (bs-18067R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 62 kD Observed band size: 60 kD