

bs-18066R**[Primary Antibody]****BioSS**
ANTIBODIES

www.bioss.com.cn

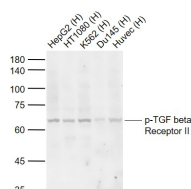
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

phospho-TGF beta Receptor II (Tyr259) Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		
GeneID: 7048	SWISS: P37173	
Target: phospho-TGF beta Receptor II (Tyr259)		
Immunogen: KLH conjugated synthesised phosphopeptide derived from human TGF beta Receptor II around the phosphorylation site of Tyr259: EV(p-Y)KA.		
Purification: affinity purified by Protein A		Reactivity: Human, Mouse (predicted: Rat)
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.		Predicted MW.: 62 kDa
Background: This gene encodes a member of the Ser/Thr protein kinase family and the TGFβ 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.		Subcellular Location: Cell membrane

— VALIDATION IMAGES —

Sample: Lane 1: Human HepG2 cell lysates Lane

2: Human HT1080 cell lysates Lane 3: Human

K562 cell lysates Lane 4: Human Du145 cell

lysates Lane 5: Human Huvec cell lysates

Primary: Anti-phospho-TGF beta Receptor II

(Tyr259) (bs-18066R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at

1/20000 dilution Predicted band size: 62 kD

Observed band size: 64 kD

— SELECTED CITATIONS —

- **[IF=3.349]** Lou LL et al. (+)-Isobicyclogermacrenal and spathulenol from Aristolochia yunnanensis alleviate cardiac fibrosis by inhibiting transforming growth factor β /small mother against decapentaplegic signaling pathway. (2018) Phytother Res. Oct 29. WB ;Rat. 30375049