TGFβ RI (phospho Ser165) rabbit pAb

Cat#: orb770253 (Manual)

For research use only. Not intended for diagnostic use.

Product Name	TGFβ RI (phospho Ser165) rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	WB 1:500-2000, IF 1:50-300, IHC 1:50-300
Immunogen	The antiserum was produced against synthesized peptide derived from human TGF beta Receptor I around the phosphorylation site of Ser165. AA range:131-180
Specificity	Phospho-TGFβ RI (S165) Polyclonal Antibody detects endogenous levels of TGFβ RI protein only when phosphorylated at S165.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	TGF-beta receptor type-1
Gene Name	TGFBR1
Cellular localization	Cell membrane ; Single-pass type I membrane protein . Cell junction, tight junction . Cell surface . Membrane raft .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

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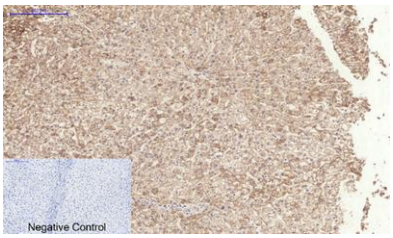
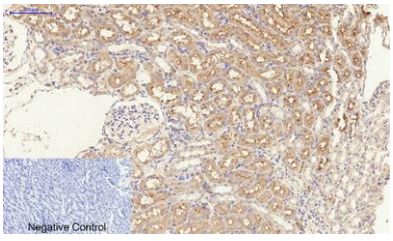
Concentration	1 mg/ml
Observed band	
Human Gene ID	7046
Human Swiss-Prot Number	P36897
Alternative Names	TGFBR1; ALK5; SKR4; TGF-beta receptor type-1; TGFR-1; Activin A receptor type II-like protein kinase of 53kD; Activin receptor-like kinase 5; ALK-5; ALK5; Serine/threonine-protein kinase receptor R4; SKR4; TGF-beta type I receptor; Transfor
Background	The protein encoded by this gene forms a heteromeric complex with type II TGF-beta receptors when bound to TGF-beta, transducing the TGF-beta signal from the cell surface to the cytoplasm. The encoded protein is a serine/threonine protein kinase. Mutations in this gene have been associated with Loeys-Dietz aortic aneurysm syndrome (LDAS). Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2008],



Immunohistochemical analysis of paraffin-embedded Human-liver tissue. 1,TGFβ RI (phospho Ser165) Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.



Immunohistochemical analysis of paraffin-embedded Rat-kidney tissue. 1,TGFβ RI (phospho Ser165) Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.

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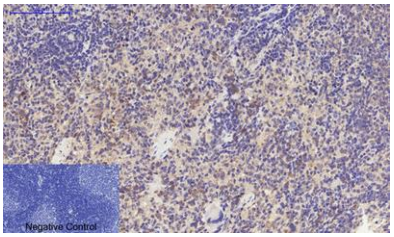
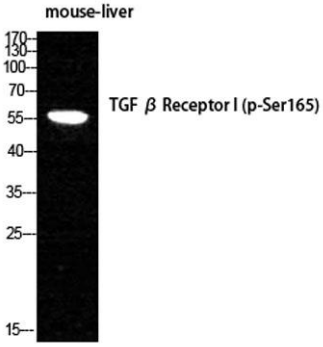


Immunohistochemical analysis of paraffin-embedded Rat-spleen tissue. 1,TGFβ RI (phospho Ser165) Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.



Western Blot analysis of MOUSE-LIVER cells using Phospho-TGFβ RI (S165) Polyclonal Antibody diluted at 1:1000

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