

Anti-TGF β R1 Rabbit pAb

WL03150

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-TGF β R1 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	Western blot	1:1000-1:2000

**Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.*

Molecular Wt.	53 kDa
Pack size	50/100/200/500/1000 μ l
Storage	Store at -20°C. Avoid freeze/thaw cycles.
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μ g/ml BSA, 50% glycerol and less than 0.02% sodium azide

General Information

Background The TGF β RI 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. TGF β RI is a 503 amino acid single-pass type I membrane protein that is expressed ubiquitously and, with TGF β RII, functions as a receptor for TGF β . Mutations in this gene have been associated with Loays-Dietz aortic aneurysm syndrome (LDAS).

Immunogen Polyclonal antibody is produced by immunizing animals with a synthetic peptide of TGF β R1.

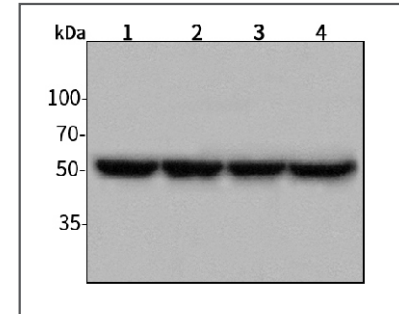
Purification Polyclonal antibody was purified by Protein A affinity chromatography.

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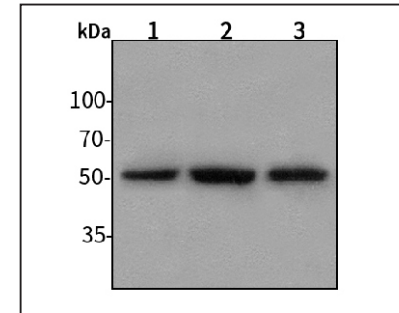
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Product Images

Western blot-Anti-TGF β R1 pAb

Lane 1: Human HepG2 cell lysate 30 μ g
 Lane 2: Human Hela cell lysate 30 μ g
 Lane 3: Human BGC-823 cell lysate 30 μ g
 Lane 4: Human MGC-803 cell lysate 30 μ g
 Separation gel: 8% polyacrylamide
 Electrophoresis: 100V, 4°C, 3h
 Transmembrane: 100V, 4°C, 1h
 Blocking: 5% w/v nonfat dry milk, 1 \times TBST, at RT with gentle shaking
 Primary antibody: 1:1000 in blocking buffer, 4°C, overnight
 Secondary antibody (WLA023a) : 1:5000-1:10000, 45min
 Detection: ECL, 30s-2min

Western blot-Anti-TGF β R1 pAb

Lane 1: Mouse brain tissue lysate 30 μ g
 Lane 2: Rat colon tissue lysate 30 μ g
 Lane 3: Rat stomach tissue lysate 30 μ g
 Separation gel: 8% polyacrylamide
 Electrophoresis: 100V, 4°C, 3h
 Transmembrane: 100V, 4°C, 1h
 Blocking: 5% w/v nonfat dry milk, 1 \times TBST, at RT with gentle shaking
 Primary antibody: 1:1000 in blocking buffer, 4°C, overnight
 Secondary antibody (WLA023a) : 1:5000-1:10000, 45min
 Detection: ECL, 30s-2min