

## Anti-TGF beta Receptor III Polyclonal Antibody

### Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat (predicted:Chicken,Dog,Pig,Sheep)
Molecular Weight:	Theoretical: 94 kDa. Actual: 110-130 kDa.
Purification:	Protein A purified

### Applications

1. Independently Validated Antibody, image provided by Science Direct, badge number 029661:Formalin-fixed and paraffin embedded human kidney labeled with Anti-TGF Beta R3 Polyclonal Antibody, Unconjugated (TMAB-13497) at 1: 250. overnight at 25C followed by conjugation to the secondary antibody and DAB staining

2. Sample:

K562 Cell (Human) Lysate at 40 µg

HepG2 Cell (Human) Lysate at 40 µg

Hela Cell (Human) Lysate at 40 µg

Primary: Anti-TGF beta Receptor III (TMAB-13497) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 94 kD

Observed band size: 110 kD

Verified Activity:

3. Sample:

Lane 1: Mouse Placenta tissue lysates

Lane 2: Mouse Testis tissue lysates

Lane 3: Rat Placenta tissue lysates

Lane 4: Rat Testis tissue lysates

Lane 5: Human HepG2 cell lysates

Lane 6: Human HeLa cell lysates

Lane 7: Human A431 cell lysates

Primary: Anti-TGF beta Receptor III (TMAB-13497) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 94 kDa

Observed band size: 130 kDa

Application: WB,IHC-P,IHC-Fr,IF

Recommended WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

### Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

### Antigen Details

Immunogen: KLH conjugated synthetic peptide: human TGFBR3  
Antigen Species: Human  
Gene ID: 7049  
Uniprot ID: Q03167

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### Research Background

This locus encodes the transforming growth factor (TGF)-beta type III receptor. The encoded receptor is a membrane proteoglycan that often functions as a co-receptor with other TGF-beta receptor superfamily members. Ectodomain shedding produces soluble TGFBR3, which may inhibit TGF-beta signaling. Decreased expression of this receptor has been observed in various cancers. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene.[provided by RefSeq, Sep 2010].

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

**This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use**

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