





TGFβ RIII Polyclonal Antibody

| Catalog No | YP-Ab-13697 |
|--------------------|---|
| Isotype | IgG |
| Reactivity | Human;Mouse;Rat |
| Applications | WB;IF;ELISA |
| Gene Name | TGFBR3 |
| Protein Name | Transforming growth factor beta receptor type 3 |
| Immunogen | The antiserum was produced against synthesized peptide derived from human TGF beta Receptor III. AA range:801-850 |
| Specificity | TGFβ RIII Polyclonal Antibody detects endogenous levels of TGFβ RIII protein. |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Source | Polyclonal, Rabbit,IgG |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Dilution | IHC: 1/100 - 1/300. ELISA: 1/5000 IF 1:50-200 |
| Concentration | 1 mg/ml |
| Purity | ≥90% |
| Storage Stability | -20°C/1 year |
| Synonyms | TGFBR3; Transforming growth factor beta receptor type 3; TGF-beta receptor type 3; TGFR-3; Betaglycan; Transforming growth factor beta receptor III; TGF-beta receptor type III |
| Observed Band | |
| Cell Pathway | Secreted. Secreted, extracellular space. Cell membrane; Single-pass type I membrane protein. Exists both as a membrane-bound form and as soluble form in serum and in the extracellular matrix. |
| Tissue Specificity | Blood,Brain,Placenta,Tongue, |
| Function | function:Binds to TGF-beta. Could be involved in capturing and retaining TGF-beta for presentation to the signaling receptors.,PTM:Extensively modified by glycosaminoglycan groups (GAG).,similarity:Contains 1 ZP domain.,subcellular location:Exists both as a membrane-bound form and as soluble form in serum and in the extracellular matrix.,subunit:Interacts with TCTEX1D4., |
| Background | This locus encodes the transforming growth factor (TGF)-beta type III receptor. |



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Alternatively spliced transcript variants encoding different isoforms have been identified for this gene.[provided by RefSeq, Sep 2010],

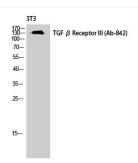
matters needing attention

Avoid repeated freezing and thawing!

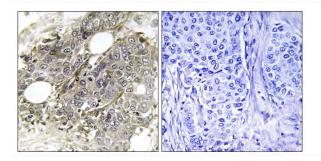
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of NIH-3T3 cells using TGFβ RII Polyclonal Antibody diluted at 1:1000



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using TGF beta Receptor III Antibody. The picture on the right is blocked with the synthesized peptide.