

TGFβ RIII (phospho Thr842) Polyclonal Antibody

Catalog No: YP1161

Reactivity: Human; Mouse; Rat

Applications: IHC;IF;ELISA

Target: TGFβ RIII

Gene Name: TGFBR3

Protein Name: Transforming growth factor beta receptor type 3

Q03167

O88393

Human Gene Id: 7049

Human Swiss Prot

No:

Mouse Gene Id: 21814

Mouse Swiss Prot

No:

Rat Gene ld: 29610

Rat Swiss Prot No: P26342

Immunogen: The antiserum was produced against synthesized peptide derived from human

TGF beta Receptor III around the phosphorylation site of Thr842. AA

range:801-850

Specificity: Phospho-TGFβ RIII (T842) Polyclonal Antibody detects endogenous levels of

TGFB RIII protein only when phosphorylated at T842.

Formulation: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, lgG

Dilution: IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:5000. Not yet tested in other

applications.



The antibody was affinity-purified from rabbit antiserum by affinity-**Purification:**

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

93kD **Molecularweight:**

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 coreceptor with other TGF-beta receptor superfamily members. Ectodomain shedding produces soluble TGFBR3, which may inhibit TGFB 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],

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..

Subcellular Secreted. Secreted, extracellular space. Cell membrane; Single-pass type I Location:

membrane protein. Exists both as a membrane-bound form and as soluble form

in serum and in the extracellular matrix.

Expression: Blood, Brain, Placenta, Tongue,

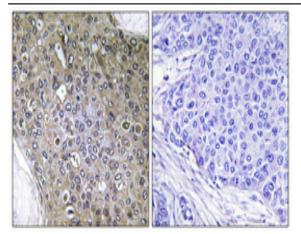
Sort: 17083

No4:

Host: Rabbit

Modifications: Phospho

Products Images



Immunohistochemical analysis of paraffin-embedded Human breast cancer. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negetive contrl (right) obtaned from antibody was preabsorbed by immunogen peptide.