

## TGF $\beta$ RIII rabbit pAb

**Cat#: orb770256 (Manual)**

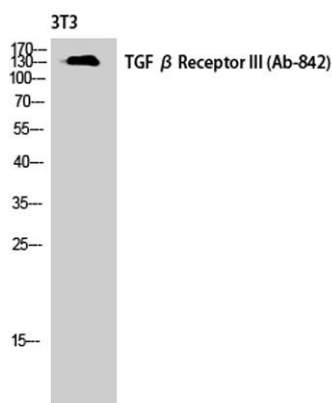
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<b>Product Name</b>	TGF $\beta$ RIII rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human TGF beta Receptor III. AA range:801-850
<b>Specificity</b>	TGF $\beta$ RIII Polyclonal Antibody detects endogenous levels of TGF $\beta$ RIII protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Transforming growth factor beta receptor type 3
<b>Gene Name</b>	TGFBR3
<b>Cellular localization</b>	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.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

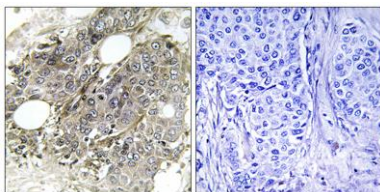
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	
<b>Human Gene ID</b>	7049
<b>Human Swiss-Prot Number</b>	Q03167
<b>Alternative Names</b>	TGFBR3; Transforming growth factor beta receptor type 3; TGF-beta receptor type 3; TGFR-3; Betaglycan; Transforming growth factor beta receptor III; TGF-beta receptor type III

**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 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],



**Western Blot analysis of NIH-3T3 cells using TGFβ RIII 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.**