

Product datasheet for **TA308670**

TGF beta Receptor III (TGFB3) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB:1:500-1:3000
Reactivity:	Human (Predicted: Mouse, Pig)
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fragment corresponding to a region within amino acids 88 and 314 of TGF beta Receptor III (Uniprot ID#Q03167)
Formulation:	1XPBS, 1% BSA, 20% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Concentration:	lot specific
Purification:	Purified by antigen-affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	94 kDa
Gene Name:	transforming growth factor beta receptor 3
Database Link:	NP_003234 Entrez Gene 21814 Mouse Entrez Gene 7049 Human Q03167



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Background:

Transforming growth factor (TGF)-beta is a multifunctional cytokine that modulates several tissue development and repair processes, including cell differentiation, cell cycle progression, cellular migration, adhesion, and extracellular matrix production. Three TGF-beta forms are encoded by separate genes: TGFB1 (MIM 190180), TGFB2 (MIM 190220), and TGFB3 (MIM 190230). The diverse effects of TGF-beta are mediated by the TGF-beta receptors and cell surface-binding proteins. Three TGF-beta receptors exist: type I (TGFB1; MIM 190181), type II (TGFB2; MIM 190182), and type III (TGFB3). TGFB3 is a glycoprotein that binds TGFB and exists in both a membrane-bound and a soluble form (Johnson et al., 1995 [PubMed 8530052]). [supplied by OMIM]

Synonyms:

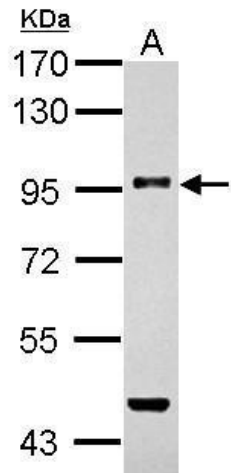
betaglycan; BGCAN

Note:

Seq homology of immunogen across species: Mouse (87%), Pig (89%)

Protein Families:

Druggable Genome, Secreted Protein, Transmembrane

Product images:

Sample (30 ug of whole cell lysate). A: THP-1.
7.5% SDS PAGE. TA308670 diluted at 1:1000.