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Immunotag™ TGFβ RIII Polyclonal Antibody

Antibody Specification

Catalog No.	ITT4630
Product Description	Immunotag™ TGFβ RIII Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	TGFβ RIII
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC-p,ELISA
Recommended Dilution	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	Synthesized peptide derived from TGFβ RIII, at AA range: 780-860
Specificity	TGFβ RIII Polyclonal Antibody detects endogenous levels of TGFβ RIII protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	TGFBR3
Accession No.	Q03167 O88393 P26342
Alternate Names	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

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Description	transforming growth factor beta receptor 3(TGFBR3) Homo sapiens 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],
Protein Expression	Blood,Brain,Placenta,Tongue,
Subcellular Localization	extracellular region,proteinaceous extracellular matrix,extracellular space,cytoplasm,integral component of plasma membrane,external side of plasma membrane,cell surface,integral component of membrane,inhibin-betaglycan-ActRII complex,GO
Protein 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.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.

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