

TGFBR3 Antibody

Catalog No: #48449

Package Size: #48449-1 50ul #48449-2 100ul

Description

Product Name	TGFBR3 Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	H11-C5
Purification	ProA affinity purified
Applications	WB
Species Reactivity	Hu, Ms
Immunogen Description	Recombinant protein
Conjugates	Unconjugated
Other Names	Beta glycan antibody Betaglycan antibody Betaglycan proteoglycan antibody BGCAN antibody TGBR3_HUMAN antibody TGF beta receptor type 3 antibody TGF beta receptor type III antibody TGF-beta receptor type 3 antibody TGF-beta receptor type III antibody TGFB R3 antibody TGFBR 3 antibody TGFBR3 antibody TGFR 3 antibody TGFR-3 antibody TGFR3 antibody Transforming growth factor beta receptor III antibody Transforming growth factor beta receptor III betaglycan 300kDa antibody Transforming growth factor beta receptor type 3 antibody
Accession No.	Swiss-Prot#:Q03167
Calculated MW	93 kDa
Formulation	1*TBS (pH7.4), 1%BSA, Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

WB: 1:500-1:2,000

Background

A total of three members of the TGF β family, TGF β 1, TGF β 2 and TGF β 3, have been identified in mammals. Each is synthesized as a latent precursor that is subsequently cleaved forming the 112 amino acid growth factor which becomes active upon dimerization. TGF β s mediate their activity by high affinity binding to the type II receptor transmembrane protein with a cytoplasmic serine-threonine kinase domain. TGF β RIII (transforming growth factor beta receptor type 3), also known as TGFBR3 or TGFR-3, is an 850 amino acid secreted and single-pass type I membrane protein that contains one ZP domain and may assist in capturing TGF β for presentation to signaling receptors. TGF β RIII undergoes post-translational modification by glycosaminoglycan groups (GAG) and is encoded by a gene that maps to human chromosome 1p22.2.

References

Note: This product is for in vitro research use only and is not intended for use in humans or animals.