

TGFBR3 Antibody (N-Term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22312a**Specification**

TGFBR3 Antibody (N-Term) - Product Information

Application	WB, IHC-P,E
Primary Accession	Q03167
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	93499

TGFBR3 Antibody (N-Term) - Additional Information**Gene ID** 7049**Other Names**

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, TGFBR3

Target/Specificity

This TGFBR3 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 285-319 amino acids from the human region of human TGFBR3.

Dilution

WB~~1:2000

IHC-P~~1:25

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

TGFBR3 Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

TGFBR3 Antibody (N-Term) - Protein Information**Name** TGFBR3 ([HGNC:11774](#))

Function Binds to TGF-beta. Could be involved in capturing and retaining TGF-beta for presentation to the signaling receptors (By similarity). In gonadotrope cells, acts as an inhibin A

coreceptor and regulates follicle-stimulating hormone (FSH) levels and female fertility (PubMed:[34910520](#)).

Cellular Location

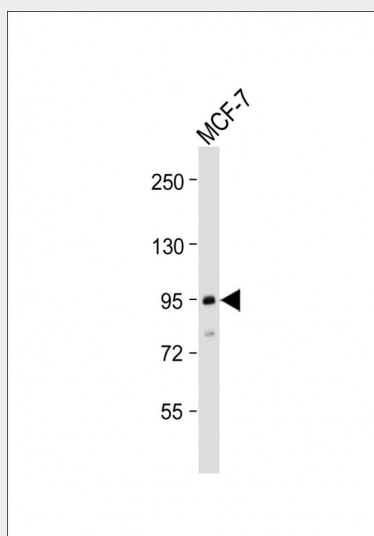
Cell membrane {ECO:0000250|UniProtKB:P26342}; Single-pass type I membrane protein. Secreted {ECO:0000250|UniProtKB:P26342}. Secreted, extracellular space, extracellular matrix {ECO:0000250|UniProtKB:P26342}. Note=Exists both as a membrane-bound form and as soluble form in serum and in the extracellular matrix. {ECO:0000250|UniProtKB:P26342}

TGFR3 Antibody (N-Term) - Protocols

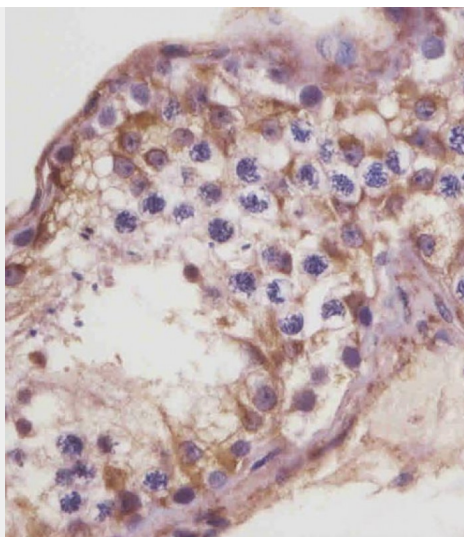
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

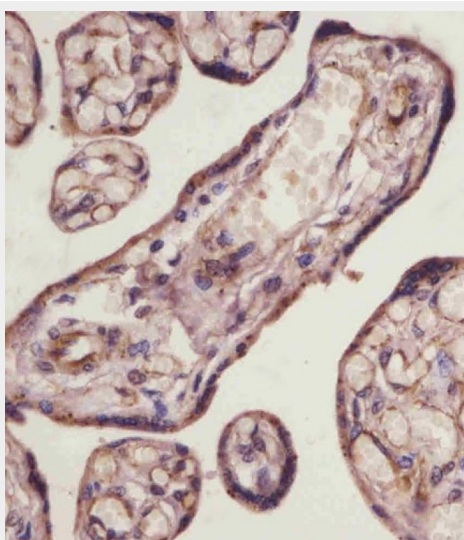
TGFR3 Antibody (N-Term) - Images



Anti-TGFR3 Antibody (N-Term) at 1:2000 dilution + MCF-7 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 93 kDa Blocking/Dilution buffer: 5% NFDm/TBST.



AP22312a staining TGFBR3 in human testis tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0.5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hour at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.



AP22312a staining TGFBR3 in human placenta tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0.5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hour at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.

TGFBR3 Antibody (N-Term) - Background

Binds to TGF-beta. Could be involved in capturing and retaining TGF-beta for presentation to the signaling receptors.

TGFBR3 Antibody (N-Term) - References

Moren A., et al. *Biochem. Biophys. Res. Commun.* 189:356-362(1992).
Zippert R., et al. *J. Hum. Genet.* 45:250-253(2000).
Ota T., et al. *Nat. Genet.* 36:40-45(2004).

Gregory S.G.,et al.Nature 441:315-321(2006).
Meng Q.-J.,et al.J. Biol. Chem. 281:37069-37080(2006).