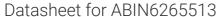
# antibodies - online.com







# anti-TDGF1 antibody (Internal Region)

**Images** 



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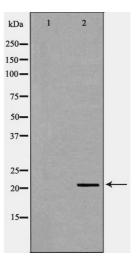
Quantity:	100 μL
Target:	TDGF1
Binding Specificity:	Internal Region
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TDGF1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)
Product Details	
Immunogen:	A synthesized peptide derived from human TDGF1, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	TDGF1 Antibody detects endogenous levels of total TDGF1.
Predicted Reactivity:	Pig,Bovine,Sheep,Rabbit
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink <sup>TM</sup> Coupling Resin (Thermo Fisher Scientific).
Target Details	
Target:	TDGF1

## **Target Details**

l arget Details	
Alternative Name:	TDGF1 (TDGF1 Products)
Background:	Description: GPI-anchored cell membrane protein involved in Nodal signaling. Cell-associated
	TDGF1 acts as a Nodal coreceptor in cis. Shedding of TDGF1 by TMEM8A modulates Nodal
	signaling by allowing soluble TDGF1 to act as a Nodal coreceptor on other cells
	(PubMed:27881714). Could play a role in the determination of the epiblastic cells that
	subsequently give rise to the mesoderm (PubMed:11909953).
	Gene: TDGF1
Molecular Weight:	21kDa
Gene ID:	6997
UniProt:	P13385
Pathways:	EGFR Signaling Pathway
Application Details	
Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000

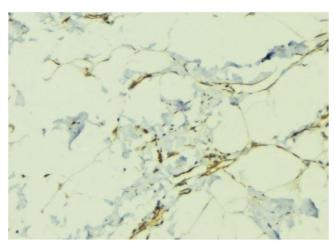
Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only
Handling	
Format:	Liquid

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



### **Western Blotting**

**Image 1.** Western blot analysis of NCCIT lysate using TDGF1 antibody. The lane on the left is treated with the antigen-specific peptide.



#### **Immunohistochemistry**

**Image 2.** ABIN6276479 at 1/100 staining Human lung tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22¡ãC. An HRP conjugated goat anti-rabbit antibody was used as the secondary