

**(Mouse) Tdgf1 Antibody (N-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP21046a**

### Specification

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#### (Mouse) Tdgf1 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	<a href="#">P51865</a>
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	18655

#### (Mouse) Tdgf1 Antibody (N-term) - Additional Information

**Gene ID** 21667

#### Other Names

Teratocarcinoma-derived growth factor, Cripto growth factor, Epidermal growth factor-like Cripto protein, Tdgf1, Cripto

#### Target/Specificity

This Mouse Tdgf1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 37-70 amino acids from the N-terminal region of mouse Tdgf1.

#### Dilution

WB~~1:1000

#### 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

(Mouse) Tdgf1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

#### (Mouse) Tdgf1 Antibody (N-term) - Protein Information

**Name** Cripto

**Synonyms** Tdgf1

**Function** GPI-anchored cell membrane protein involved in Nodal signaling. Cell-associated CRIPTO

acts as a Nodal coreceptor in cis. Shedding of CRIPTO by Tmem8a modulates Nodal signaling by allowing soluble CRIPTO to act as a Nodal coreceptor on other cells. Could play a role in the determination of the epiblastic cells that subsequently give rise to the mesoderm.

#### Cellular Location

Cell membrane; Lipid-anchor, GPI-anchor. Secreted {ECO:0000250|UniProtKB:P13385}.  
Note=Released from the cell membrane by GPI cleavage. {ECO:0000250|UniProtKB:P13385}

#### Tissue Location

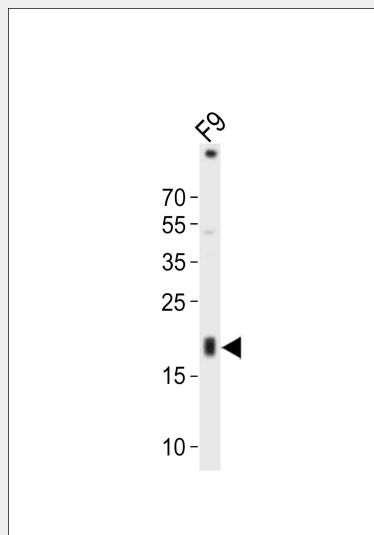
Expressed at low level in specific organs of the adult animal such as spleen, heart, lung and brain. During gastrulation, expressed in the forming mesoderm. In later stages of the developing heart, expression is restricted to the truncus arteriosus

### (Mouse) Tdgf1 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](#)

### (Mouse) Tdgf1 Antibody (N-term) - Images



Western blot analysis of lysate from mouse F9 cell line, using Tdgf1 Antibody (N-term)(Cat. #AP21046a). AP21046a was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20ug.

### (Mouse) Tdgf1 Antibody (N-term) - Background

Could play a role in the determination of the epiblastic cells that subsequently give rise to the mesoderm.

**(Mouse) Tdgf1 Antibody (N-term) - References**

Dono R.,et al.Development 118:1157-1168(1993).  
Liguori G.,et al.Mamm. Genome 7:344-348(1996).  
Minchiotti G.,et al.Mech. Dev. 90:133-142(2000).  
Calvanese L.,et al.J. Med. Chem. 49:7054-7062(2006).