

**TROP2 antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP22444a**

**Specification**

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**TROP2 antibody - Product Information**

Application	<b>WB,E</b>
Primary Accession	<a href="#">P09758</a>
Reactivity	<b>Human</b>
Host	<b>Rabbit</b>
Clonality	<b>polyclonal</b>
Isotype	<b>Rabbit Ig</b>
Calculated MW	<b>35709</b>

**TROP2 antibody - Additional Information**

**Gene ID** 4070

**Other Names**

Tumor-associated calcium signal transducer 2, Cell surface glycoprotein Trop-2, Membrane component chromosome 1 surface marker 1, Pancreatic carcinoma marker protein GA733-1, TACSTD2, GA733-1, M1S1, TROP2

**Target/Specificity**

This antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between amino acids from human.

**Dilution**

WB~~1:500

**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**

TROP2 antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**TROP2 antibody - Protein Information**

**Name** TACSTD2

**Synonyms** GA733-1, M1S1, TROP2

**Function** May function as a growth factor receptor.

**Cellular Location**

Membrane; Single-pass type I membrane protein.

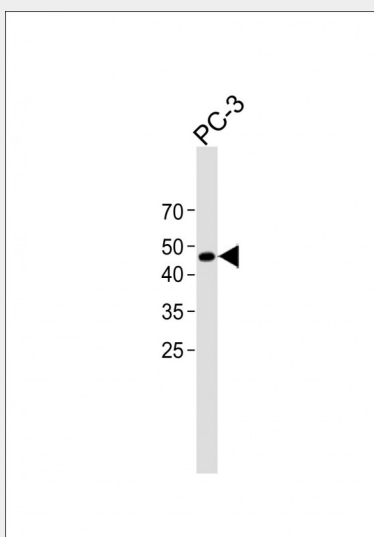
**Tissue Location**

Placenta, pancreatic carcinoma cell lines.

**TROP2 antibody - 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](#)

**TROP2 antibody - Images**

All lanes: Anti-TROP2 antibody at 1:500 dilution + PC-3 whole cell lysate Lysates/proteins at 20  $\mu$ g per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size: 45 KDa Blocking/Dilution buffer: 5% NFDM/TBST.

**TROP2 antibody - Background**

May function as a growth factor receptor.

**TROP2 antibody - References**

- Linnenbach A.J., et al. Proc. Natl. Acad. Sci. U.S.A. 86:27-31(1989).  
Linnenbach A.J., et al. Mol. Cell. Biol. 13:1507-1515(1993).  
Fornaro M., et al. Int. J. Cancer 62:610-618(1995).  
Kalnina N., et al. Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.  
Halleck A., et al. Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.