

**PLAC1 Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP19318b**

**Specification**

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**PLAC1 Antibody (C-term) - Product Information**

|                   |                             |
|-------------------|-----------------------------|
| Application       | WB,E                        |
| Primary Accession | <a href="#">O9HBJ0</a>      |
| Other Accession   | <a href="#">NP_068568.1</a> |
| Reactivity        | Human                       |
| Host              | Rabbit                      |
| Clonality         | Polyclonal                  |
| Isotype           | Rabbit IgG                  |
| Antigen Region    | 116-145                     |

**PLAC1 Antibody (C-term) - Additional Information**

**Gene ID** 10761

**Other Names**

Placenta-specific protein 1, PLAC1 {ECO:0000312|EMBL:AAG225961}

**Target/Specificity**

This PLAC1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 116-145 amino acids from the C-terminal region of human PLAC1.

**Dilution**

WB~~1:1000

E~~Use at an assay dependent concentration.

**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**

PLAC1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**PLAC1 Antibody (C-term) - Protein Information**

**Name** PLAC1 {ECO:0000312|EMBL:AAG22596.1}

**Function** May play a role in placental development.

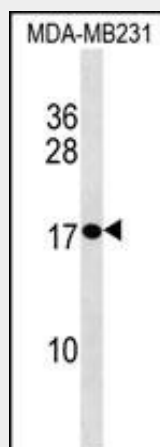
**Cellular Location**  
Secreted.**Tissue Location**

Expressed in placenta. Localizes primarily to differentiated syncytiotrophoblast throughout gestation as well as to a small population of villous cytotrophoblasts. Also detected in maternal blood and rapidly disappears following delivery, but is not detected in other adult or fetal tissues examined.

**PLAC1 Antibody (C-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](#)

**PLAC1 Antibody (C-term) - Images**

PLAC1 Antibody (C-term)(Cat. #AP19318b) western blot analysis in MDA-MB231 cell line lysates (35ug/lane). This demonstrates the PLAC1 antibody detected the PLAC1 protein (arrow).

**PLAC1 Antibody (C-term) - Background**

PLAC1 may play a role in placental development.

**PLAC1 Antibody (C-term) - References**

Fant, M., et al. Prenat. Diagn. 30(6):497-502(2010)  
Koslowski, M., et al. J. Biol. Chem. 284(42):28607-28615(2009)  
Tchabo, N.E., et al. Cancer Immun. 9, 6 (2009) :  
Dong, X.Y., et al. Int. J. Cancer 122(9):2038-2043(2008)  
Silva, W.A. Jr., et al. Cancer Immun. 7, 18 (2007) :

**PLAC1 Antibody (C-term) - Citations**

- [Expression of placenta-specific 1 and its potential for eliciting anti-tumor helper T-cell](#)

[responses in head and neck squamous cell carcinoma](#)