

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

Specification

PLAC1 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O9HBJ0
Other Accession	NP_068568.1
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.

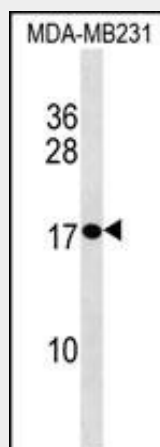
Cellular Location
Secreted.**Tissue Location**

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](#)