

# PLAC1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)  
Catalog # AP19318b

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">Q9HBJ0</a>
<b>Other Accession</b>	<a href="#">NP_068568.1</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB40197
<b>Calculated MW</b>	23616
<b>Antigen Region</b>	116-145

## Additional Information

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<b>Gene ID</b>	10761
<b>Other Names</b>	Placenta-specific protein 1, PLAC1 {ECO:0000312   EMBL:AAG225961}
<b>Target/Specificity</b>	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.
<b>Dilution</b>	WB~~1:1000 E~~Use at an assay dependent concentration.
<b>Format</b>	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.
<b>Storage</b>	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.
<b>Precautions</b>	PLAC1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	PLAC1 {ECO:0000312   EMBL:AAG22596.1}
<b>Function</b>	May play a role in placental development.
<b>Cellular Location</b>	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.

## Background

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PLAC1 may play a role in placental development.

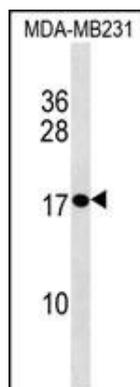
## References

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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) :

## Images

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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).

## Citations

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- [Expression of placenta-specific 1 and its potential for eliciting anti-tumor helper T-cell responses in head and neck squamous cell carcinoma](#)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.