

Rabbit anti-Human PLAC1 Polyclonal Antibody | anti-PLAC1 antibody

PLAC1 Antibody

CATALOG # AAA39289	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunocytochemistry, Western Blot, ELISA
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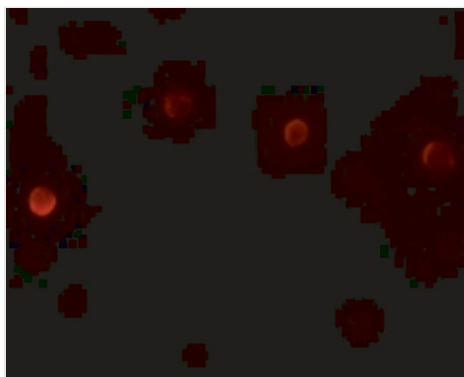
PRODUCT SYNONYMS

PLAC1; Polyclonal Antibody; PLAC1 Antibody; CT92; OOSP2L; Placenta-specific protein 1; placenta-specific 1; anti-PLAC1 antibody

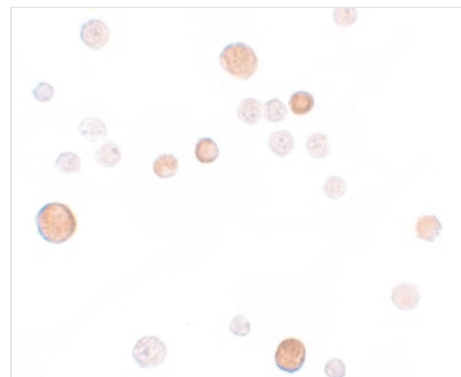
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	PLAC1 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	212
Applicable Applications for anti-PLAC1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	PLAC1 antibody was raised against a 15 amino acid synthetic peptide near the carboxy terminus of human PLAC1.
Buffer	PLAC1 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	PLAC1 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

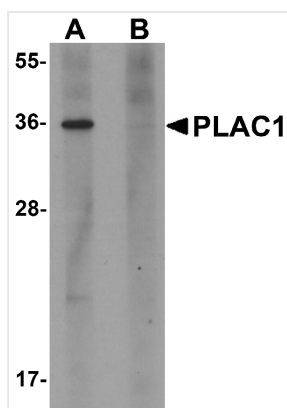
IMAGES


IF (Immunofluorescence)

Immunofluorescence of PLAC1 in HeLa cells with PLAC1 antibody at 20 &#956;g/mL.


ICC (Immunocytochemistry)

Immunocytochemistry of PLAC1 in HeLa cells with PLAC1 antibody at 10 &#956;g/mL.



WB (Western Blot)

Western blot analysis of PLAC1 in human placenta tissue lysate with PLAC1 antibody at 1 μg/mL in (A) the absence and (B) the presence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-PLAC1 antibody

PLAC1 Antibody: PLAC1 was initially identified as a protein expressed specifically in the placenta and other cells derived from the trophoblast lineage during embryonic development, but has also been found to be expressed ectopically in a wide range of human malignancies, particularly breast cancers. PLAC1 is a membrane-associated protein that is thought to serve a receptor-like function modulating cell-cell or ligand receptor interactions unique to the maternal-placental interface. Decreased expression of PLAC1 is associated with decreased expression of cyclin D1 and reduced expression of AKT kinase, which, combined with the fact that PLAC1 is expressed on the surface of cancer cells, suggests that PLAC1 may be an effective candidate for immunotherapeutic treatments of cancer.

NCBI AND UNIPROT INFORMATION

NCBI GI #	11496283
NCBI GeneID	10761
NCBI Accession #	NP_068568
NCBI GenBank Nucleotide #	NM_021796.3
UniProt Accession #	Q9HBJ0
Molecular Weight	23,616 Da
NCBI Official Full Name	placenta-specific protein 1
NCBI Official Synonym Full Names	placenta-specific 1
NCBI Official Symbol	PLAC1
NCBI Official Synonym Symbols	CT92; OOSP2L
NCBI Protein Information	placenta-specific protein 1; PLAC1; cancer/testis antigen 92
UniProt Protein Name	Placenta-specific protein 1
UniProt Gene Name	PLAC1
UniProt Entry Name	PLAC1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/plac1-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/39289>