

Datasheet for 600-401-DQ1**PLAC2 Antibody****Overview**

Description:	Anti-PLAC2 (RABBIT) Antibody - 600-401-DQ1
Item No.:	600-401-DQ1
Size:	100 µg
Applications:	ELISA, IF, IHC, WB
Reactivity:	Human
Host Species:	Rabbit

Product Details

Background:	PLAC2 (placenta-specific protein 2) is a 151 amino acid protein that is encoded by a gene located on human chromosome 19p13. Based on its amino acid sequence, PLAC2 is predicted to be a multi-pass membrane protein. There are no reported studies or functions reported for this protein.
Synonyms:	PLAC2 Antibody, PLAC2, LINC00036, NCRNA00036
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	PLAC2
Reactivity:	Human
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-PLAC2 antibody was prepared from whole rabbit serum produced by repeated immunizations with a 17 amino acid synthetic peptide near the internal region of human PLAC2.
Purity/Specificity:	Anti-PLAC2 Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. Cross reactivity with PLAC2 from other sources has not been determined.
Relevant Links:	• GeneID - 257000

- [NCBI - AAQ15237](#)

Application Details

Tested Applications:	ELISA, IF, IHC, WB
Application Note:	Anti-PLAC2 Antibody has been tested for use in ELISA, Western Blotting, Immunocytochemistry and Immunofluorescence. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 16 kDa in Western Blots of specific cell lysates and tissues.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:10,000 - 1:20,000
IF:	20 µg/mL
WB:	1-2 µg/mL

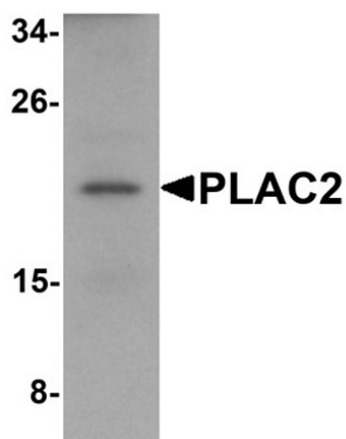
Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1 mg/mL by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Preservative:	0.02% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiration:	Expiration date is one (1) year from date of receipt.

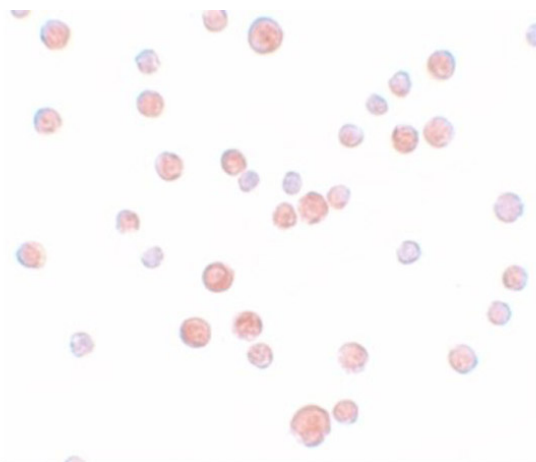
Images

**Western Blot**

Western blot analysis of PLAC2.

Load: HeLa cell lysate.

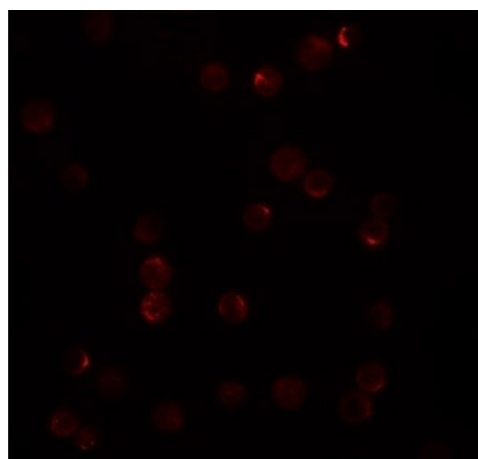
Primary Antibody: Anti-PLAC2 antibody at 1 µg/mL.

**Immunocytochemistry**

Immunocytochemistry of PLAC2.

Cell: HeLa cells.

Primary Antibody: Anti-PLAC2 antibody at 10 µg/mL.

**Immunofluorescence Microscopy**

Immunofluorescence of PLAC2.

Cell: HeLa cells.

Primary Antibody: Anti-PLAC2 antibody at 20 µg/mL.

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