

Datasheet for ABIN6991429
anti-PAPPA2 antibody (N-Term)



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Overview

Quantity:	0.1 mg
Target:	PAPPA2
Binding Specificity:	AA 450-500, N-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PAPPA2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunocytochemistry (ICC), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	PLAC3 antibody was raised against a 15 amino acid synthetic peptide near the amino terminus of human PLAC3. The immunogen is located within amino acids 450 - 500 of PLAC3.
Isotype:	IgG
Purification:	PLAC3 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	PAPPA2
Alternative Name:	PLAC3 (PAPPA2 Products)
Background:	PLAC3 Antibody: PLAC3 (placenta-specific protein 3), also known as PAPP-A2, is a metalloproteinase that cleaves the insulin-like growth factor-binding protein (IGFBP)-5 in a IGF-independent fashion. It has been suggested that the cleavage of IGFBP-5 and to a lesser extent

Target Details

IGFBP-3 produced in the maternal decidua promotes feto-placental growth. Recent studies have shown elevated levels of PLAC3 in hypertensive disorders of pregnancy including preeclampsia and HELLP (hemolysis, elevated liver enzymes, and low platelets) syndrome.

Gene ID: 60676

NCBI Accession: [NP_064714](#)

UniProt: [Q9BXP8](#)

Application Details

Application Notes: PLAC3 antibody can be used for detection of PLAC3 by Western blot at 1 µg/mL. Antibody can also be used for immunocytochemistry starting at 10 µg/mL. For immunofluorescence start at 20 µg/mL.

Antibody validated: Western Blot in human samples, Immunocytochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: PLAC3 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: PLAC3 antibody can be stored at 4°C for three months and -20°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.