



# Mouse anti-Human PPAP2B monoclonal antibody, clone AW003 (CABT-B9506)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Immunogen</b>	Recombinant protein derived from an internal region of human VCIP
<b>Isotype</b>	IgG1, κ
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	AW003
<b>Purification</b>	Protein A
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA, ICC, IF, WB
<b>Format</b>	Liquid
<b>Concentration</b>	0.5 mg/ml
<b>Size</b>	100 µg
<b>Buffer</b>	PBS, pH 7.4
<b>Preservative</b>	0.1% sodium azide
<b>Storage</b>	-20°C

## BACKGROUND

**Introduction**

The protein encoded by this gene is a member of the phosphatidic acid phosphatase (PAP) family. PAPs convert phosphatidic acid to diacylglycerol, and function in de novo synthesis of glycerolipids as well as in receptor-activated signal transduction mediated by phospholipase D. This protein is a membrane glycoprotein localized at the cell plasma membrane. It has been shown to actively hydrolyze extracellular lysophosphatidic acid and short-chain phosphatidic acid. The expression of this gene is found to be enhanced by epidermal growth factor in HeLa cells. [provided by RefSeq, Mar 2010]

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**Keywords**

PPAP2B; phosphatidic acid phosphatase type 2B; LPP3; VCIP; Dri42; PAP2B; lipid phosphate phosphohydrolase 3; PAP2 beta; phosphatidate phosphohydrolase type 2b; type-2 phosphatidic acid phosphatase-beta; vascular endothelial growth factor and type I collagen inducible;

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## GENE INFORMATION

**Entrez Gene ID**

[8613](#)

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**UniProt ID**

[O14495](#)

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