

## iPLA2 Gamma Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP04607
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human PNPLA8. AA range:691-740
<b>Mol wt</b>	88477
<b>Species reactivity</b>	Human, Mouse
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	iPLA2gamma Antibody
<b>Synonyms</b>	PNPLA8; IPLA22; IPLA2G; BM-043; Calcium-independent phospholipase A2-gamma; Intracellular membrane-associated calcium-independent phospholipase A2 gamma; iPLA2-gamma; PNPLA-gamma; Patatin-like phospho

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

PNPLA8 encodes a member of the patatin-like phospholipase domain containing protein family. Members of this family are phospholipases which catalyze the cleavage of fatty acids from membrane phospholipids. Calcium-independent phospholipase A2-gamma is a calcium-independent phospholipase. Mutations in this gene have been associated with mitochondrial myopathy with lactic acidosis. Multiple transcript variants encoding different isoforms have been found for this gene.

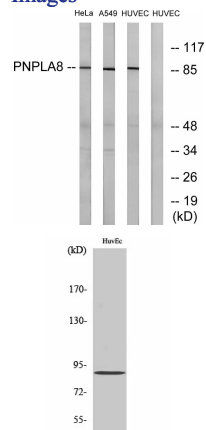
### Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 40000

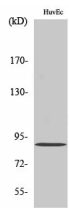
Not yet tested in other applications.

### Images

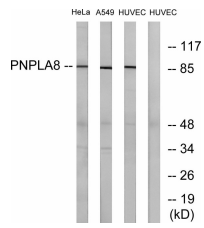


Western blot analysis of lysates from HUVEC, HeLa, and A549 cells, using PNPLA8 Antibody. The lane on the right is blocked with the synthesized peptide.

Western Blot analysis of various cells using iPLA2 $\gamma$  Polyclonal Antibody diluted at 1:2000



Western Blot analysis of various cells using iPLA2 $\gamma$  Polyclonal Antibody diluted at 1:2000



Western blot analysis of lysates from HUVEC, HeLa, and A549 cells, using PNPLA8 Antibody. The lane on the right is blocked with the synthesized peptide.

### Storage

-20°C for one year

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