

# Product datasheet

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# ARG56468 anti-NAPE PLD antibody

Package: 250 μl Store at: -20°C

## Summary

Product Description Rabbit Polyclonal antibody recognizes NAPE PLD

Tested Reactivity Hu, Ms, Rat

Tested Application WB

Host Rabbit

**Clonality** Polyclonal

Isotype IgG

Target Name NAPE PLD

Species Human

Immunogen Synthetic peptide around an internal region of Human protein NAPE PLD.

Conjugation Un-conjugated

Alternate Names NAPE-hydrolyzing phospholipase D; N-acyl-phosphatidylethanolamine-hydrolyzing phospholipase D;

FMP30; EC 3.1.4.54; N-acyl phosphatidylethanolamine phospholipase D; NAPE-PLD

# **Application Instructions**

Application table	Application	Dilution
	WB	1:200
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

# **Properties**

Form Liquid

Purification Affinity purification with immunogen.

Buffer TBS (pH 7.4), 0.02% Sodium azide, 50% Glycerol and 0.1% BSA.

Preservative 0.02% Sodium azide

Stabilizer 50% Glycerol and 0.1% BSA

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

#### Bioinformation

Gene Symbol NAPEPLD

Gene Full Name N-acyl phosphatidylethanolamine phospholipase D

Background NAPEPLD is a phospholipase D type enzyme that catalyzes the release of N-acylethanolamine (NAE) from

N-acyl-phosphatidylethanolamine (NAPE) in the second step of the biosynthesis of N-acylethanolamine

(Okamoto et al., 2004 [PubMed 14634025]).[supplied by OMIM, Oct 2008]

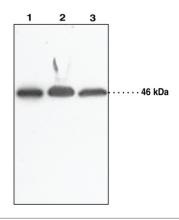
Function Hydrolyzes N-acyl-phosphatidylethanolamines (NAPEs) to produce N-acylethanolamines (NAEs) and

phosphatidic acid. Responsible for the generation of anandamide (N-arachidonoylethanolamine), the

ligand of cannabinoid and vanilloid receptors (By similarity). [UniProt]

Calculated Mw 46 kDa

## **Images**



#### ARG56468 anti-NAPE PLD antibody WB image

Western blot: 1) 20  $\mu g$  of Human Cerebellum Supernatant, 2) 30  $\mu g$  of Mouse Brain Homogenate, and 3) 30  $\mu g$  of Mouse Brain High-Density Membrane stained with ARG56468 anti-NAPE PLD antibody.