

PA2GE rabbit pAb

Catalog No: YT6499

Reactivity: Human; Mouse

Applications: WB

Target: PA2GE

Fields: >>Glycerophospholipid metabolism;>>Ether lipid metabolism;>>Arachidonic

acid metabolism;>>Linoleic acid metabolism;>>alpha-Linolenic acid

metabolism;>>Metabolic pathways;>>Ras signaling pathway;>>Vascular smooth muscle contraction;>>Pancreatic secretion;>>Fat digestion and absorption

Gene Name: PLA2G2E

Protein Name: PA2GE

Human Gene Id: 30814

Human Swiss Prot

No:

Mouse Gene Id: 26970

Mouse Swiss Prot

No:

Immunogen: Synthesized peptide derived from human PA2GE AA range: 58-108

Specificity: This antibody detects endogenous levels of PA2GE at Human/Mouse

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

Q9NZK7

Q9QUL3

Dilution: WB 1 7500-2000

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight: 16kD

Function : catalytic activity:Phosphatidylcholine + H(2)O = 1-acylglycerophosphocholine +

a carboxylate.,cofactor:Binds 1 calcium ion per subunit.,function:PA2 catalyzes the calcium-dependent hydrolysis of the 2-acyl groups in 3-sn-phosphoglycerides. Has a preference for arachidonic-containing phospholipids.,similarity:Belongs to the phospholipase A2 family.,tissue specificity:Restricted to the brain, heart, lung,

and placenta.,

Subcellular Location:

Secreted . Cytoplasm . Through binding to heparan sulfate proteoglycan, may be

localized to cytoplasmic compartments enriched in anionic phospholipids. .

Expression: Restricted to the brain, heart, lung, and placenta.

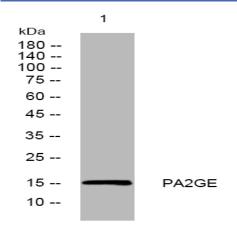
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No4:

Host: Rabbit

Modifications: Unmodified

Products Images



Western blot analysis of lysates from SH-SY5Y cells, primary antibody was diluted at 1:1000, 4° over night