10320 Camino Santa Fe, Suite G
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PAFAH2 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57817

Specification

PAFAH2 Polyclonal Antibody - Product Information

Application	**IHC-P, WB**
Primary Accession	Q99487
Reactivity	**Rat, Pig, Bovine**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**44036**

PAFAH2 Polyclonal Antibody - Additional Information

Gene ID 5051

Other Names
Platelet-activating factor acetylhydrolase 2, cytoplasmic, 3.1.1.47, PAF:lysophospholipid transacetylase, hSD-PLA2, PAFAH2 (HGNC:8579)

Format
0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage
Store at -20 ℃ for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ℃.

PAFAH2 Polyclonal Antibody - Protein Information

Name PAFAH2 (HGNC:8579)

Function
Catalyzes the hydrolyze of the acetyl group at the sn-2 position of platelet-activating factor (PAF) and its analogs, leading to their inactivation (PubMed:9494101). Hydrolyzes propionyl and butyroyl moieties approximately half as effectively as PAF (By similarity). Also catalyzes transacetylation of the acetyl group from platelet-activating factor (PAF) to lysoplasmalogen and to sphingosine, producing plasmalogen analogs of PAF and N-acetylsphingosine (C2- ceramide) respectively. Has a marked selectivity for phospholipids with short acyl chains at the sn-2 position (By similarity).

Cellular Location
Cytoplasm. Membrane {ECO:0000250|UniProtKB:P79106}; Lipid-anchor {ECO:0000250|UniProtKB:P79106}. Endoplasmic reticulum membrane {ECO:0000250|UniProtKB:P79106}; Lipid-anchor {ECO:0000250|UniProtKB:P79106}. Note=In

resting cells, localizes to intracellular membranes and cytoplasm. Translocates from the cytoplasm to intracellular membranes upon oxidative stress {ECO:0000250|UniProtKB:P79106}

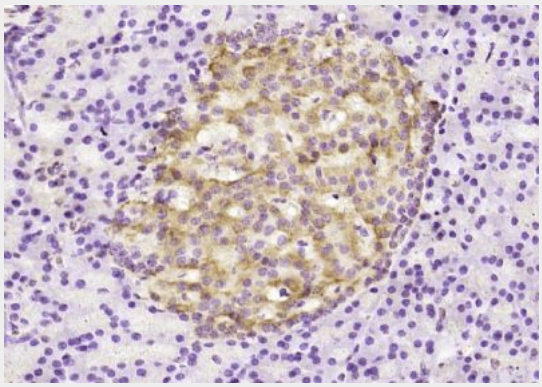
Tissue Location
Broadly expressed in different tissues, but high in B- and T-lymphocytes. In brain, expression is restricted to amygdala and frontal cortex.

PAFAH2 Polyclonal Antibody - Protocols

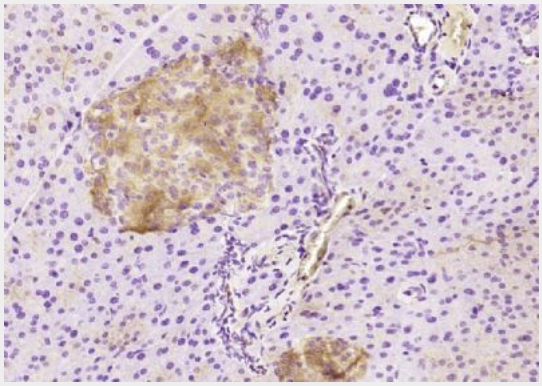
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

PAFAH2 Polyclonal Antibody - Images



Paraformaldehyde-fixed, paraffin embedded (rat pancreas); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (PAFAH2) Polyclonal Antibody, Unconjugated (bs-21003R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse pancreas); Antigen retrieval by boiling in

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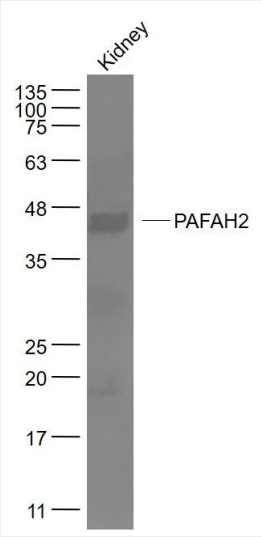
sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (PAFAH2) Polyclonal Antibody, Unconjugated (bs-21003R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Sample:
Kidney (Mouse) Lysate at 40 ug
Primary: Anti- PAFAH2 (bs-21003R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 44 kD
Observed band size: 44 kD