## bs-9901R

# [ Primary Antibody ]

# PAFAHG Rabbit pAb

- DATASHEET -

Host: Rabbit Clonality: Polyclonal GeneID: 5050

SWISS: Q15102

Isotype: IgG

Target: PAFAHG

Immunogen: KLH conjugated synthetic peptide derived from human PAFAH1B3/PAFAHG: 1-100/231.

Purification: affinity purified by Protein A

### Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: The platelet activating factor (PAF) acetylhydrolases catalyze hydrolysis of the sn-2 ester bond of PAF and related proinflammatory phospholipids and thus attenuate their bioactivity. The family of PAF acetylhydrolases includes one secreted plasma isozyme and two intracellular isozymes. The intracellular isozymes are distinguished by differences in their primary sequence, tissue localization, subunit composition and substrate preferences. The most thoroughly characterized intracellular isoform, PAFAH1B, is a heterotrimeric protein expressed in brain tissue and plays and important role in brain development and function. PAFAH1B is comprised of a regulatory subunit (LIS1) and two homologous (63% identity) catalytic subunits (PAFAH1B2 and PAFAH1B3), which harbor all the activity of the enzyme. The PAFAH1B2 and PAFAH1B3 subunits readily associate with very high affinity to form heterodimers, and this dimerization is essential for both stability and catalytic activity. PAFAH1B3 is also commonly known as PAFAH1B 29kDa subunit, PAFAH1B subunit or PAFAH1B subunit α1.

### - VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded (rat brain); 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 (PAFAHG) Polyclonal Antibody, Unconjugated (bs-9901R) 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 brain); 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 (PAFAHG) Polyclonal Antibody, Unconjugated (bs-9901R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

## - SELECTED CITATIONS -

• [IF=0] Vandenberghe L T M et al. Platelet-activating factor acetylhydrolase 1B3 (PAFAH1B3) is required for the formation



www.bioss.com.cn sales@bioss.com.cn techsupport@bioss.com.cn 400-901-9800

Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:50-200)

Reactivity: Mouse, Rat (predicted: Human, Rabbit, Pig, Sheep, Cow, Dog, Horse)

Predicted MW.: <sup>26 kDa</sup>

Subcellular Location: Cytoplasm of the meiotic spindle during invitro oocyte maturation.Reproduction, Fertility and Development.2018. WB,ICC ;Bovine, Murine&Human. 10.1071/rd18019