

## bs-9901R-Biotin

### • Rabbit Anti-PAFAH1B3/PAFAHG Polyclonal Antibody, Biotin conjugated

#### Conjugated Primary Antibodies

##### Background:

The platelet activating factor (PAF) acetylhydrolases catalyze hydrolysis of the sn-2 ester bond of PAF and related pro-inflammatory 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 an 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  $\alpha$ 1.

**Purification:** Was purified by Protein A and peptide affinity chromatography.

##### Storage:

Prepared as lyophilized powder and shipped on ice. Store at -20°C for one year as lyophilized powder or liquid. Please reconstitute before use.

##### Reconstitution:

If the antibody is in liquid form, no reconstitution needed.

Reconstitution is only required for the lyophilized antibody. Please refer to the reconstitution instruction card in the package.

**Size:** 100ul or 100ug lyophilized

**Concentration:** 1ug/uL

**Host:** Rabbit

##### Reactivities:

Human, Mouse, Rat, Dog, Pig, Cow, Horse, Rabbit, Sheep,

##### Application:

- WB(1:100-500)
  - ELISA(1:500-1000)
  - IHC-P(1:100-500)
  - IHC-F(1:100-500)
  - Not yet tested in other applications.
- Optimal working dilutions must be determined by the end user.

**Antibody Type:** Polyclonal

**Isotype:** IgG

**Molecular Weight:** 26kDa

**Preservatives:** 10ug/uL BSA and 0.1% NaN<sub>3</sub>.

For research use only. CAUTION: Not for human or animal therapeutic or diagnostic use.

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