### bs-16310R

# [ Primary Antibody ]

## Granuphilin/SYTL4 Rabbit pAb

# Bio'ss ANTIBODIES

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 (1:100-500)

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

Predicted MW.: <sup>76 kDa</sup>

Subcellular Location: Cell membrane

Host: Rabbit Clonality: Polyclonal

GenelD: 94121

- DATASHEET -

SWISS: Q96C24

Isotype: IgG

Target: Granuphilin/SYTL4

Immunogen: KLH conjugated synthetic peptide derived from human Granuphilin/SYTL4: 25-125/671.

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:** This gene encodes a member of the synaptotagmin like protein family. Members of this family are characterized by an N-terminal Rab27 binding domain and C-terminal tandem C2 domains. The encoded protein binds specific small Rab GTPases and is involved in intracellular membrane trafficking. This protein binds Rab27 and may be involved in inhibiting dense core vesicle exocytosis. Alternate splicing results in multiple transcript variants that encode the same protein. [provided by RefSeq, Mar 2010]

#### – VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded (Rat liver); 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 (Granuphilin) Polyclonal Antibody, Unconjugated (bs-16310R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.

## - SELECTED CITATIONS -

• [IF=5.511] Song et al. Vaginal Lactobacilli Induce Differentiation of Monocytic Precursors Toward Langerhans-like Cells: in Vitro Evidence. (2018) Front.Immunol. 9:2437 WB ;. 30410487