bs-7777R **[Primary Antibody]**

VPS4a Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 27183 **SWISS:** Q9UN37

Target: VPS4a

Immunogen: KLH conjugated synthetic peptide derived from human VPS4a: 351-437/437.

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: Involved in intracellular protein transport probably out of a prevacuolar endosomal compartment. May be involved in the release of components of the bilayered coat from the endosomal membrane. The association with ESCRT-III complex mediates the ATP-dependent disassembly of the ESCRT-III complex. In case of infection, the HIV-1 virus takes advantage of it for budding and exocytic cargos of viral proteins.

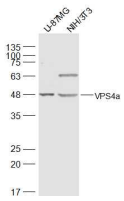
Applications: **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)

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

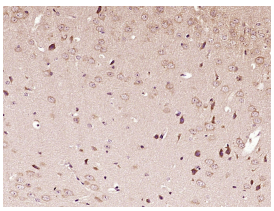
Predicted MW.: 48 kDa

Subcellular Location: Cell membrane ,Cytoplasm

VALIDATION IMAGES



Sample: U-87MG(Human) Cell Lysate at 30 ug NIH/3T3(Mouse) Cell Lysate at 30 ug Primary: Anti-VPS4a (bs-7777R) at 1/500 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 48 kD Observed band size: 48 kD



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 (VPS4a) Polyclonal Antibody, Unconjugated (bs-7777R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

SELECTED CITATIONS

- **[IF=3.298]** Chen Y et al. The role of infectious hematopoietic necrosis virus (IHNV) proteins in recruiting the ESCRT pathway through three ways in the host cells of fish during IHNV budding. Fish Shellfish Immunol. 2019 Jul 9;92:833-841. WB ;Chinook. 31299463