

bs-0679R**[Primary Antibody]****SYVN1 Rabbit pAb****Bioss**
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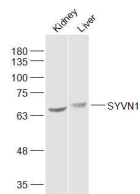
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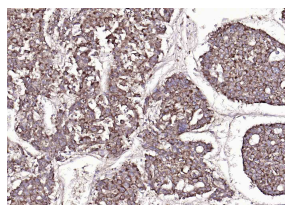
400-901-9800

DATASHEET**Host:** Rabbit**Isotype:** IgG**Clonality:** Polyclonal**GeneID:** 84447**SWISS:** Q86TM6**Target:** SYVN1**Immunogen:** KLH conjugated synthetic peptide derived from human SYVN1: 531-617/617.**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

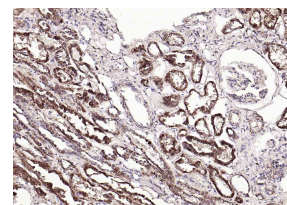
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: This gene encodes a protein involved in endoplasmic reticulum (ER)-associated degradation. The encoded protein removes unfolded proteins, accumulated during ER stress, by retrograde transport to the cytosol from the ER. This protein also uses the ubiquitin-proteasome system for additional degradation of unfolded proteins. Sequence analysis identified two transcript variants that encode different isoforms. [provided by RefSeq, May 2011]**Applications:** WB (1:500-2000)**IHC-P** (1:100-500)**IHC-F** (1:100-500)**IF** (1:100-500)**Flow-Cyt** (3µg/Test)**Reactivity:** Human, Mouse, Rat
(predicted: Cow, Dog)**Predicted MW.:** 65 kDa**Subcellular Location:** Cell membrane ,Cytoplasm**VALIDATION IMAGES**

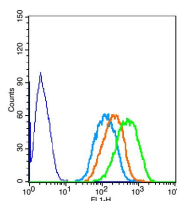
Sample: Kidney (Mouse) Lysate at 40 ug Liver (Mouse) Lysate at 40 ug
 Primary: Anti-SYVN1 (bs-0679R) at 1/1000 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
 Predicted band size: 65 kD
 Observed band size: 65/70 kD



Paraformaldehyde-fixed, paraffin embedded (human liver carcinoma);
 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;
 Incubation with (SYVN1) Polyclonal Antibody, Unconjugated (bs-0679R) at 1:200 overnight at 4°C,
 followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human kidney);
 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;
 Incubation with (SYVN1) Polyclonal Antibody, Unconjugated (bs-0679R) at 1:200 overnight at 4°C,
 followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



The figure annotation: The blue histogram is unstained cells. The Wathet Blue histogram is cells stained with secondary antibody (bs-0295G-FITC) alone. The Orange histogram is cells stained with rabbit IgG isotype control antibody(bs-0295P)plus secondary antibody.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

The green histogram is cells stained with Rabbit
Anti-SYVN1 antibody (bs-0679R) plus secondary
antibody. Positive control: Hepg2 cells
Concentration: 1:50

— SELECTED CITATIONS —

- **[IF=4.65]** Zemoura, Khaled, et al. "Endoplasmic Reticulum Associated Degradation (ERAD) Controls Cell Surface Expression of GABAB Receptors." *Journal of Biological Chemistry* (2013): jbc-M113. Other ;="Human". 24114844
- **[IF=5.064]** Dong J et al. Ginsenoside Rb1 alleviates colitis in mice via activation of endoplasmic reticulum-resident E3 ubiquitin ligase Hrd1 signaling pathway *Acta Pharmacol Sin.* 2020 Dec 2. IHC,IF ;Mouse. 33268823
- **[IF=4.26]** Yang et al. Experimental study of the protective effects of SYVN1 against diabetic retinopathy. (2015) *Sci.Re.* 5:14036 WB ;Mouse. 26358086
- **[IF=1.89]** Yan, Shu, et al. "Expression of endoplasmic reticulum stress-related factors in the retinas of diabetic rats." *Experimental diabetes research* 2012 (2011). Other ;="Rat". 21904541