

**bs-10171R**

**[ Primary Antibody ]**

## PTOV1 Rabbit pAb

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### DATASHEET

**Host:** Rabbit

**Isotype:** IgG

**Clonality:** Polyclonal

**GeneID:** 53635

**SWISS:** Q86YD1

**Target:** PTOV1

**Immunogen:** KLH conjugated synthetic peptide derived from human PTOV1: 61-160/416.

**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:** PTOV1 belongs to the Mediator complex subunit 25 family, PTOV1 subfamily. It may activate transcription and is required for nuclear translocation of FLOT1. PTOV1 promotes cell proliferation. There are three named isoforms.

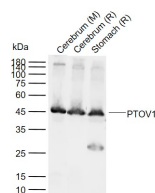
**Applications:** WB (1:500-2000)  
**IHC-P** (1:100-500)  
**IHC-F** (1:100-500)  
**IF** (1:100-500)

**Reactivity:** Human, Mouse, Rat

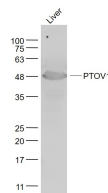
**Predicted MW.:** 47 kDa

**Subcellular Location:** Cell membrane ,Nucleus

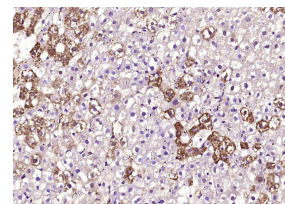
### VALIDATION IMAGES



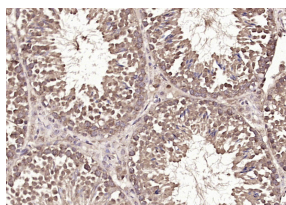
Sample: Lane 1: Mouse Cerebrum tissue lysates  
Lane 2: Rat Cerebrum tissue lysates Lane 3: Rat Stomach tissue lysates  
Primary: Anti- PTOV1 (bs-10171R) at 1/1000 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 47 kDa  
Observed band size: 45 kDa



Sample: Liver (Mouse) Lysate at 40 ug  
Primary: Anti- PTOV1 (bs-10171R) at 1/1000 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 47 kD  
Observed band size: 48 kD



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 (PTOV1) Polyclonal Antibody, Unconjugated (bs-10171R) 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 (mouse testis); 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 (PTOV1) Polyclonal Antibody, Unconjugated (bs-10171R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

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

staining.

## — SELECTED CITATIONS —

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- **[IF=3.65]** Li, Rong, et al. "Overexpressed PTOV1 associates with tumorigenesis and progression of esophageal squamous cell carcinoma." Tumor Biology 39.6 (2017): 1010428317705013. WB,IHC ;="Human". 28651486