

## Anti-PTOV1 Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Molecular Weight:	Theoretical: 47 kDa. Actual: 47 kDa.
Purification:	Protein A purified

## Applications

1. Paraformaldehyde-fixed, paraffin embedded (rat stomach); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (PTOV1) Polyclonal Antibody, Unconjugated (TMAB-11913) at 1: 200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.
2. Paraformaldehyde-fixed, paraffin embedded (human rectal carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (PTOV1) Polyclonal Antibody, Unconjugated (TMAB-11913) at 1: 200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.
3. Sample: Liver (Mouse) Lysate at 40 µg  
Primary: Anti-PTOV1 (TMAB-11913) at 1/1000 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 47 kD  
Observed band size: 48 kD
4. Paraformaldehyde-fixed, paraffin embedded (human colon carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (PTOV1) Polyclonal Antibody, Unconjugated (TMAB-11913) at 1: 200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.
5. Paraformaldehyde-fixed, paraffin embedded (mouse testis); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (PTOV1) Polyclonal Antibody, Unconjugated (TMAB-11913) at 1: 200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.
6. Paraformaldehyde-fixed, paraffin embedded (rat liver); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (PTOV1) Polyclonal Antibody, Unconjugated (TMAB-11913) at 1: 200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.
7. Sample:  
Lane 1: Mouse Cerebrum tissue lysates  
Lane 2: Rat Cerebrum tissue lysates  
Lane 3: Rat Stomach tissue lysates  
Primary: Anti-PTOV1 (TMAB-11913) at 1/1000 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Verified Activity:

## A DRUG SCREENING EXPERT

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Predicted band size: 47 kDa

Observed band size: 45 kDa

Application: WB,IHC-P,IHC-Fr,IF

Recommended WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

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### Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

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### Antigen Details

Immunogen: KLH conjugated synthetic peptide: human PTOV1

Antigen Species: Human

Gene ID: 53635

Uniprot ID: Q86YD1

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### Research 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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