

Anti-GPM6A Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat (predicted:Dog,Rabbit)
Molecular Weight:	Theoretical: 31 kDa. Actual: 31 kDa.
Purification:	Protein A purified

Applications

1. Sample: Cerebrum (Mouse) Lysate at 40 µg
Primary: Anti-GPM6A (TMAB-06672) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 31 kD
Observed band size: 31 kD

2. Sample:

Lane 1: Spinal cord (Rat) Lysate at 40 µg
Lane 2: Lung (Rat) Lysate at 40 µg
Lane 3: U251 (Human) Cell Lysate at 30 µg
Lane 4: U87MG (Human) Cell Lysate at 30 µg
Primary: Anti-GPM6A (TMAB-06672) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 31 kD
Observed band size: 28 kD

Verified Activity:

3. Blank control: RSC96 (blue), the cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with ice-cold 90% methanol for 30 min on ice.
Isotype Control Antibody: Rabbit IgG (orange);
Secondary Antibody: Goat anti-rabbit IgG-PE (white blue),
Dilution: 1: 200 in 1 X PBS containing 0.5% BSA;
Primary Antibody Dilution: 0.2 µg in 100 µL 1X PBS containing 0.5% BSA (green).

4. Paraformaldehyde-fixed, paraffin embedded (Mouse brain); 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 (GPM6A) Polyclonal Antibody, Unconjugated (TMAB-06672) at 1:500 overnight at 4°C, followed by a conjugated secondary for 20 minutes and DAB staining.

5. Paraformaldehyde-fixed, paraffin embedded (Rat brain); 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 (GPM6A) Polyclonal Antibody, Unconjugated (TMAB-06672) at 1:500 overnight at 4°C, followed by a conjugated secondary for 20 minutes and DAB staining.

A DRUG SCREENING EXPERT

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

Recommended WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500; FCM: 1µg/Test

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.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human GPM6A

Antigen Species: Human

Gene ID: 2823

Uniprot ID: P51674

Research Background

GPM6A (Glycoprotein M6A) is a Protein Coding gene. GO annotations related to this gene include calcium channel activity. An important paralog of this gene is GPM6B.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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