

Anti-Prohibitin Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat (predicted:Horse,Dog)
Molecular Weight:	Theoretical: 30 kDa. Actual: 30 kDa.
Purification:	Protein A purified

Applications

- HepG2 cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Antibody incubation with (Prohibitin) polyclonal Antibody, Unconjugated (TMAB-11775) 1:100, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue) was used to stain the cell nuclei.
 - Sample: A431 (Human) Cell Lysate at 40 µg
 Primary: Anti-Prohibitin (TMAB-11775) at 1/300 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
 Predicted band size: 30 kD
 Observed band size: 30 kD
 - Sample: Heart (Mouse) Lysate at 40 µg
 Primary: Anti-Prohibitin (TMAB-11775) at 1/300 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
- Verified Activity: Predicted band size: 30 kD
Observed band size: 30 kD
- Tissue/cell: Rat intestine tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min;
 Incubation: Anti-Prohibitin Polyclonal Antibody, Unconjugated (TMAB-11775) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining
 - Tissue/cell: Human kidney tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min;
 Incubation: Anti-Prohibitin Polyclonal Antibody, Unconjugated (TMAB-11775) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining

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

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

A DRUG SCREENING EXPERT

2µg/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 Prohibitin

Antigen Species: Human

Gene ID: 5245

Uniprot ID: P35232

Research Background

This gene is evolutionarily conserved, and its product is proposed to play a role in human cellular senescence and tumor suppression. Antiproliferative activity is reported to be localized to the 3' UTR, which is proposed to function as a trans-acting regulatory RNA. Several pseudogenes of this gene have been identified. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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