

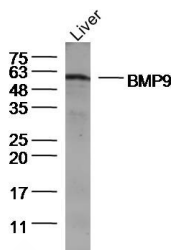
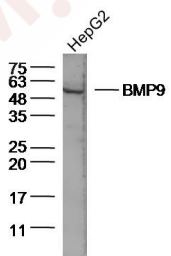
Anti-GDF2 Polyclonal Antibody

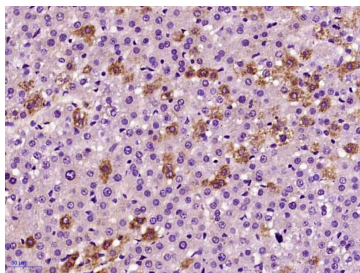
Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat (predicted:Rabbit)
Molecular Weight:	Theoretical: 12/47 kDa. Actual: 50 kDa.
Purification:	Protein A purified

Applications

1. Sample: HepG2 Cell (Human) Lysate at 40 µg
Primary: Anti-BMP9 (TMAB-00757) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 12/47 kDa
Observed band size: 50 kDa
2. Sample: Liver (Mouse) Lysate at 40 µg
Primary: Anti-BMP9 (TMAB-00757) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 12/47 kDa
Observed band size: 50 kDa
- Verified Activity:
3. 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 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (BMP9) Polyclonal Antibody, Unconjugated (TMAB-00757) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.





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

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

Properties

Stability & Storage: 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 BMP9

Antigen Species: Human

Gene ID: 2658

Uniprot ID: Q9UK05

Synonyms: Bone morphogenetic protein 9 (BMP-9);BMP9;GDF-2;Growth/differentiation factor 2;GDF2

Research Background

The protein encoded by this gene is a member of the bone morphogenetic protein (BMP) family and the TGF-beta superfamily. This group of proteins is characterized by a polybasic proteolytic processing site which is cleaved to produce a mature protein containing seven conserved cysteine residues. The members of this family are regulators of cell growth and differentiation in both embryonic and adult tissues. Studies in rodents suggest that this protein plays a role in the adult liver and in differentiation of cholinergic central nervous system neurons. [provided by RefSeq, Jul 2008].

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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