

Nur für Forschungszwecke

# BMP9 Polyklonaler Antikörper

Katalog-Nr.:17769-1-AP



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 17769-1-AP	<b>GenBank-Zugangsnummer:</b> BC074921	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul , Konzentration: 450 µg/ml von Nanodrop und 227 µg/ml durch die Bradford-Methode mit BSA als Standard;	<b>GeneID (NCBI):</b> 2658	<b>Empfohlene Verdünnungen:</b> WB 1:200-1:1000 IHC 1:50-1:500
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> growth differentiation factor 2	
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 429 aa, 47 kDa	
<b>Immunogen Katalognummer:</b> AG12177	<b>Beobachtete Masse:</b> 30 kDa, 46 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> IHC, WB,ELISA	<b>Positivkontrollen:</b> WB : L02-Zellen, SMMC-7721-Zellen
<b>Getestete Reaktivität:</b> Human	<b>IHC :</b> humanes Leberkarzinomgewebe, humanes Leberzirrhosegewebe
<b>Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.</b>	

## Hintergrundinformationen

BMP9 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. Mutations in this gene are associated with hereditary hemorrhagic telangiectasia. Human BMP9 precursor protein contains 429 amino acids and has a calculated molecular mass of about 47 kD. Posttranslational processing results in a mature BMP9 protein of about 13 kD. Once secreted, BMP9 may exist as dimers of mature regions or as BMP9 proregion complexes in which the proregion of BMP9 remains tightly associated with the mature dimer.

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
**Aliquotieren ist nicht notwendig bei -20°C Lagerung**

\*\*\* 20ul-Größen enthalten 0.1% BSA

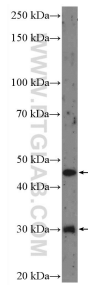
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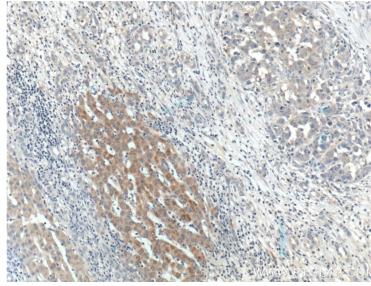
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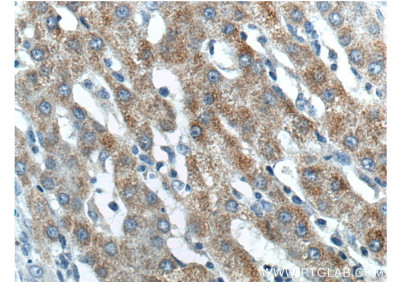
## Ausgewählte Validierungsdaten



L02 cells were subjected to SDS PAGE followed by western blot with 17769-1-AP (BMP9 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 17769-1-AP (BMP9 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 17769-1-AP (BMP9 Antibody) at dilution of 1:200 (under 40x lens).