

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-BMP9



Numéro de catalogue: 17769-1-AP

## Informations de base

<b>Numéro de catalogue:</b> 17769-1-AP	<b>Numéro d'acquisition GenBank:</b> BC074921	<b>Méthode de purification:</b> Purification par affinité contre l'antigène
<b>Taille:</b> 150ul , Concentration: 450 µg/ml by Nanodrop and 227 µg/ml by Bradford method using BSA as the standard;	<b>Identification du gène (NCBI):</b> 2658	<b>Dilutions recommandées:</b> WB 1:200-1:1000 IHC 1:50-1:500
<b>Hôte:</b> Lapin	<b>Nom complet:</b> growth differentiation factor 2	
<b>Isotype:</b> IgG	<b>MW calculé</b> 429 aa, 47 kDa	
<b>Immunogen Catalog Number:</b> AG12177	<b>MW observés:</b> 30 kDa, 46 kDa	

## Applications

<b>Applications testées:</b> IHC, WB, ELISA	<b>Contrôles positifs:</b> WB : cellules L02, cellules SMMC-7721
<b>Spécificité de l'espèce:</b> Humain	<b>IHC :</b> tissu de cancer du foie humain, tissu de cirrhose hépatique humain
<b>Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.</b>	

## Informations générales

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.

## Stockage

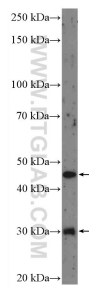
**Stockage:**  
Stocker à -20°C. Stable pendant un an après l'expédition.  
**Tampon de stockage:**  
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

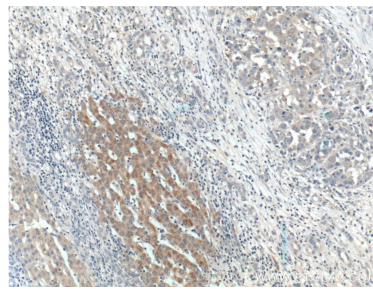
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

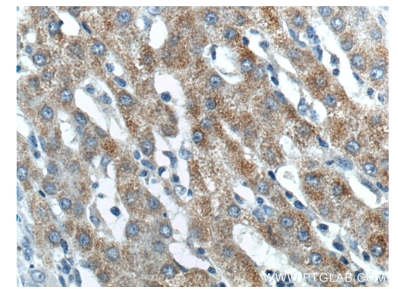
## Données de validation sélectionnées



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).