

Product datasheet for **TA350760**

BMP9 (GDF2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Mouse heart and liver tissue IHC: 50-200 Positive control: Human ovarian cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human GDF2
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	47 kDa
Gene Name:	growth differentiation factor 2
Database Link:	NP_057288 Entrez Gene 12165 Mouse Entrez Gene 2658 Human Q9UK05



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Background:

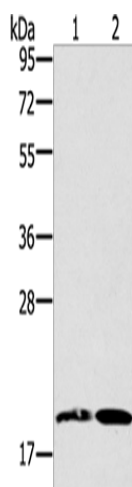
The protein encoded by this gene is a member of the bone morphogenetic protein (BMP) family and the TGF-beta superfamily. This group of proteins is characterized by a polybasic proteolytic processing site which is cleaved to produce a mature protein containing seven conserved cysteine residues. The members 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. Mutations in this gene are associated with hereditary hemorrhagic telangiectasia.

Synonyms:

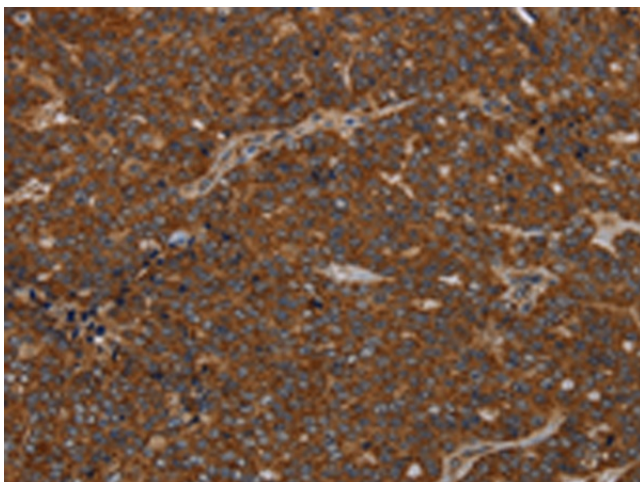
BMP-9; BMP9; HHT5

Protein Families:

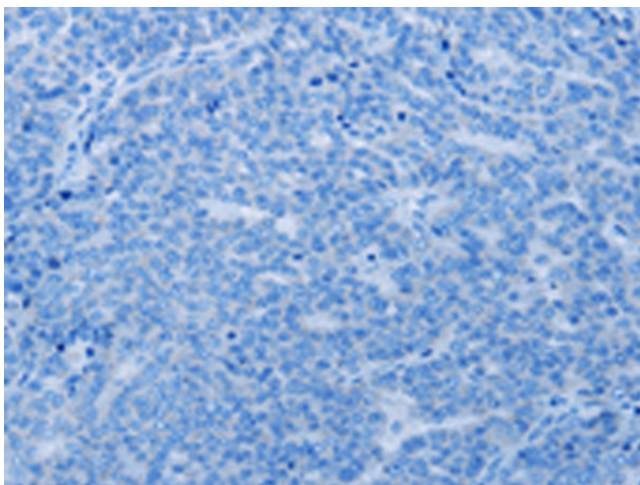
Druggable Genome, Secreted Protein

Product images:


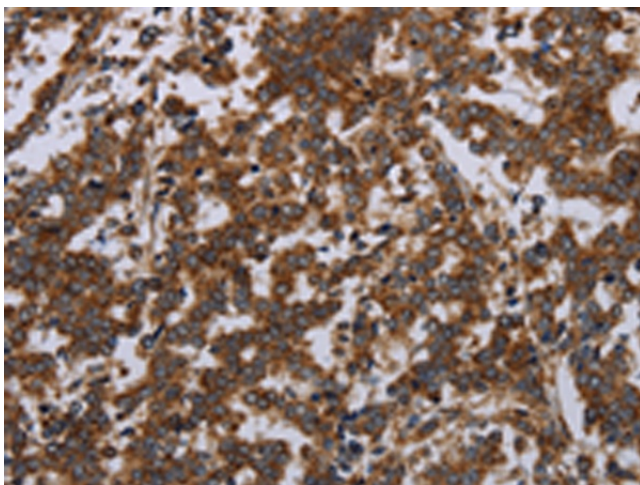
Gel: 8%SDS-PAGE
 Lysate: 40 µg
 Lane 1-2: Mouse heart tissue
 Mouse liver tissue
 Primary antibody: TA350760 (GDF2 Antibody) at dilution 1/200
 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
 Exposure time: 40 seconds



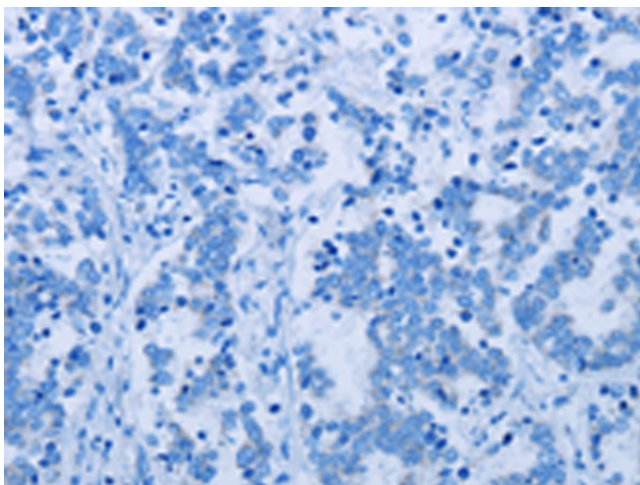
Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using TA350760 (GDF2 Antibody) at dilution 1/40 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using TA350760 (GDF2 Antibody) at dilution 1/40, treated with synthetic peptide. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA350760 (GDF2 Antibody) at dilution 1/40 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA350760 (GDF2 Antibody) at dilution 1/40, treated with synthetic peptide. (Original magnification: ×200)