



GDF-9 Polyclonal Antibody

Catalog No	BYab-31535
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IHC;IF;ELISA
Gene Name	GDF9
Protein Name	Growth/differentiation factor 9
Immunogen	The antiserum was produced against synthesized peptide derived from human GDF-9. AA range:273-322
Specificity	GDF-9 Polyclonal Antibody detects endogenous levels of GDF-9 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/10000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	GDF9; Growth/differentiation factor 9; GDF-9
Observed Band	57kD
Cell Pathway	Secreted .
Tissue Specificity	Expressed in ovarian granulosa cells. Present in oocytes of primary follicles (at protein level).
Function	function:Required for ovarian folliculogenesis.,similarity:Belongs to the TGF-beta family.,subunit:Homodimer or heterodimer (Potential). But, in contrast to other members of this family, cannot be disulfide-linked.,
Background	This gene encodes a secreted ligand of the TGF-beta (transforming growth factor-beta) superfamily of proteins. Ligands of this family bind various TGF-beta receptors leading to recruitment and activation of SMAD family transcription factors that regulate gene expression. The encoded preproprotein is proteolytically processed to generate each subunit of the disulfide-linked homodimer. This protein regulates ovarian function. Reduced expression of this gene may be associated with polycystic ovary syndrome and mutations in this

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gene may be more common in mothers of dizygotic twins. [provided by RefSeq, Jul 2016],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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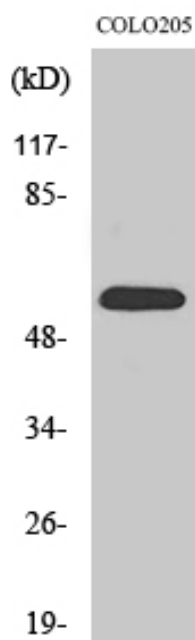
网址: www.njbybio.com

官方热线: 025-5229-8998

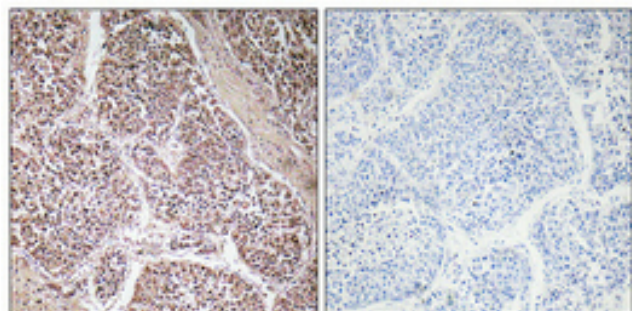
监督电话: 15950492658



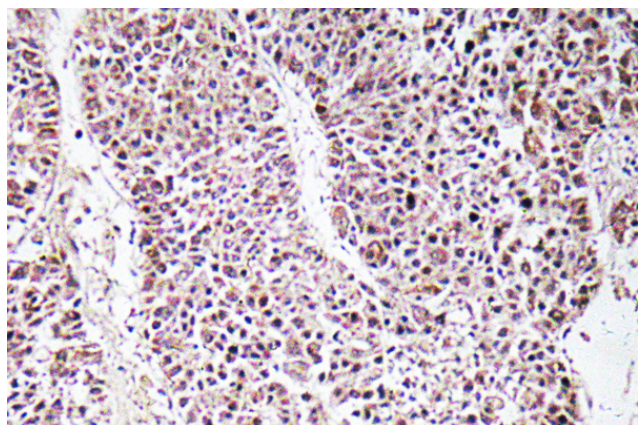
Products Images



Western Blot analysis of various cells using GDF-9 Polyclonal Antibody



Immunohistochemical analysis of paraffin-embedded Human lung cancer. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-absorbed by immunogen peptide.



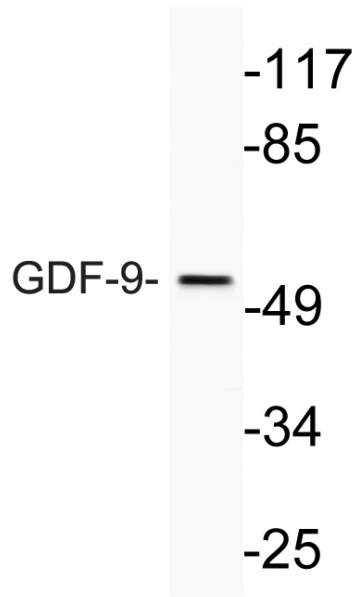
Immunohistochemistry analysis of GDF-9 antibody in paraffin-embedded human liver carcinoma tissue.

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Western blot analysis of lysate from COLO205 cells, using GDF-9 antibody.