

GDF-9 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP03537
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human GDF-9. AA range:273-322
Mol wt	51444
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	GDF-9 Antibody
Synonyms	GDF9; Growth/differentiation factor 9; GDF-9

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

GDF9 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. Growth/differentiation factor 9 regulates ovarian function. Reduced expression of GDF9 may be associated with polycystic ovary syndrome and mutations in this gene may be more common in mothers of dizygotic twins.

Recommended Dilution

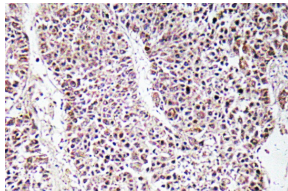
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

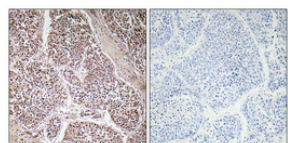
ELISA: 1: 10000

Not yet tested in other applications.

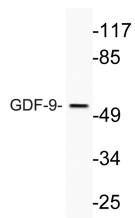
Images



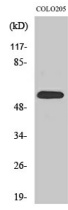
Immunohistochemistry analysis of GDF-9 antibody in paraffin-embedded human liver carcinoma tissue.



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 control (right) obtained from antibody was pre-absorbed by immunogen peptide.



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



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

Storage

-20°C for one year

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