

Product datasheet for **TA368758S**

FGF9 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: 293T cell lysate IHC: 100-200 Positive control: Human thyroid cancer Predicted cell location: Secreted
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human FGF9
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	23 kDa
Gene Name:	fibroblast growth factor 9
Database Link:	Entrez Gene 2254 Human P31371



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Background:

The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. This protein was isolated as a secreted factor that exhibits a growth-stimulating effect on cultured glial cells. In nervous system, this protein is produced mainly by neurons and may be important for glial cell development. Expression of the mouse homolog of this gene was found to be dependent on Sonic hedgehog (Shh) signaling. Mice lacking the homolog gene displayed a male-to-female sex reversal phenotype, which suggested a role in testicular embryogenesis.

Synonyms:

FGF-9; GAF; HBFG-9; HBGF-9; MGC119914; MGC119915; SYNS3

Product images:

kDa

95—
72—
55—
36—
28—
17—
10—

Gel: 8%SDS-PAGE

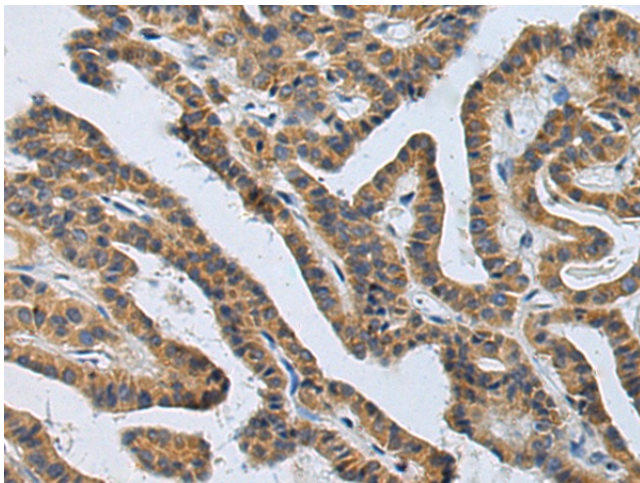
Lysate: 40 µg

Lane: 293T cell lysate

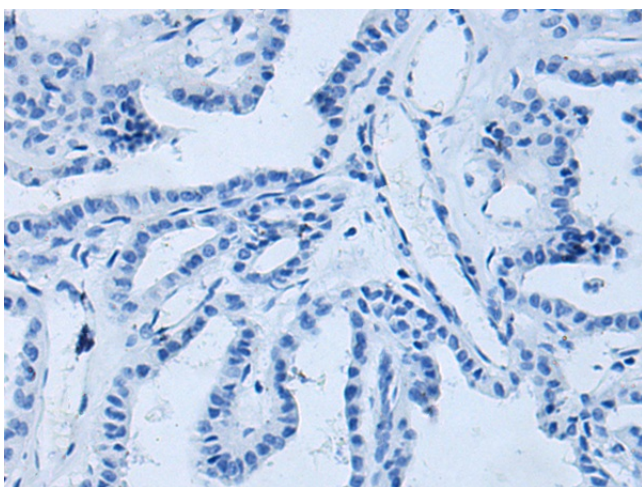
Primary antibody: [TA368758] (FGF9 Antibody) at dilution 1/600

Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution

Exposure time: 2 minutes



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA368758] (FGF9 Antibody) at dilution 1/80 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA368758] (FGF9 Antibody) at dilution 1/80, treated with fusion protein. (Original magnification: ×200)