

## **FGF-16 Polyclonal Antibody**

Catalog No: YT5441

Reactivity: Human; Mouse; Rat

**Applications:** WB;IHC;IF;ELISA

Target: FGF-16

**Fields:** >>MAPK signaling pathway;>>Ras signaling pathway;>>Rap1 signaling

pathway;>>Calcium signaling pathway;>>PI3K-Akt signaling

pathway;>>Regulation of actin cytoskeleton;>>Pathways in cancer;>>Chemical carcinogenesis - receptor activation;>>Melanoma;>>Breast cancer;>>Gastric

cancer

Gene Name: FGF16

**Protein Name:** Fibroblast growth factor 16

O43320

Q9ESL8

Human Gene Id: 8823

**Human Swiss Prot** 

No:

Mouse Gene ld: 80903

**Mouse Swiss Prot** 

No:

Rat Gene ld: 60464

Rat Swiss Prot No: 054769

**Immunogen:** The antiserum was produced against synthesized peptide derived from the

Internal region of human FGF16. AA range:141-190

**Specificity:** FGF-16 Polyclonal Antibody detects endogenous levels of FGF-16 protein.

**Formulation :** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG



**Dilution :** WB 1:500 - 1:2000. IHC: 1:100-1:300. ELISA: 1:20000.. IF 1:50-200

**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 24kD

Cell Pathway: MAPK\_ERK\_Growth;MAPK\_G\_Protein;Regulates Actin and

Cytoskeleton; Pathways in cancer; Melanoma;

**Background:** This gene encodes a member of a family of proteins that are involved in a variety

of biological processes, including embryonic development, cell growth,

morphogenesis, tissue repair, tumor growth and invasion. This gene is expressed in cardiac cells and is required for proper heart development. Mutation in this gene was also observed in individuals with metacarpal 4-5 fusion. [provided by

RefSeq, Mar 2014],

Secreted.

**Function:** function:Induces hepatocellular proliferation. Has no biological effect on the

heart., similarity: Belongs to the heparin-binding growth factors family.,

Subcellular

Location:

**Expression :** Heart,

**Sort**: 6012

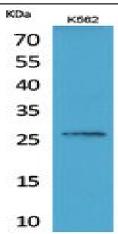
**No4**: 1

Host: Rabbit

Modifications: Unmodified

## **Products Images**

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Western Blot analysis of K562 cells using FGF-16 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000