

## FGF-16 Polyclonal Antibody

<b>Catalog No :</b>	YT5441
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB;IHC;IF;ELISA
<b>Target :</b>	FGF-16
<b>Fields :</b>	>>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
<b>Gene Name :</b>	FGF16
<b>Protein Name :</b>	Fibroblast growth factor 16
<b>Human Gene Id :</b>	8823
<b>Human Swiss Prot No :</b>	O43320
<b>Mouse Gene Id :</b>	80903
<b>Mouse Swiss Prot No :</b>	Q9ESL8
<b>Rat Gene Id :</b>	60464
<b>Rat Swiss Prot No :</b>	O54769
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from the Internal region of human FGF16. AA range:141-190
<b>Specificity :</b>	FGF-16 Polyclonal Antibody detects endogenous levels of FGF-16 protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	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],

**Function :** function:Induces hepatocellular proliferation. Has no biological effect on the heart.,similarity:Belongs to the heparin-binding growth factors family.,

**Subcellular Location :** Secreted .

**Expression :** Heart,

## Products Images



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