

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
Human Gene Id :	8823
Human Swiss Prot No :	O43320
Mouse Gene Id :	80903
Mouse Swiss Prot No :	Q9ESL8
Rat Gene Id :	60464
Rat Swiss Prot No :	O54769
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],
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,
Sort :	6012
No4 :	1
Host :	Rabbit
Modifications :	Unmodified

Products Images



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