

## FGF-6 Polyclonal Antibody

<b>Catalog No :</b>	YT5169
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	FGF-6
<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>	FGF6
<b>Protein Name :</b>	Fibroblast growth factor 6
<b>Human Gene Id :</b>	2251
<b>Human Swiss Prot No :</b>	P10767
<b>Mouse Gene Id :</b>	14177
<b>Mouse Swiss Prot No :</b>	P21658
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from the C-terminal region of human FGF6. AA range:159-208
<b>Specificity :</b>	FGF-6 Polyclonal Antibody detects endogenous levels of FGF-6 protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. ELISA: 1:20000. Not yet tested in other applications.
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-

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chromatography using epitope-specific immunogen.

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**Concentration :** 1 mg/ml

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

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**Observed Band :** 23kD

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**Cell Pathway :** MAPK\_ERK\_Growth;MAPK\_G\_Protein;Regulates Actin and Cytoskeleton;Pathways in cancer;Melanoma;

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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 gene displayed oncogenic transforming activity when transfected into mammalian cells. The mouse homolog of this gene exhibits a restricted expression profile predominantly in the myogenic lineage, which suggested a role in muscle regeneration or differentiation. [provided by RefSeq, Jul 2008],

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**Function :** function:Can transform NIH 3T3 cells. Exhibits strong mitogenic and angiogenic properties.,similarity:Belongs to the heparin-binding growth factors family.,tissue specificity:Leukemia cell lines with platelet/ megakaryocytic differentiation potential.,

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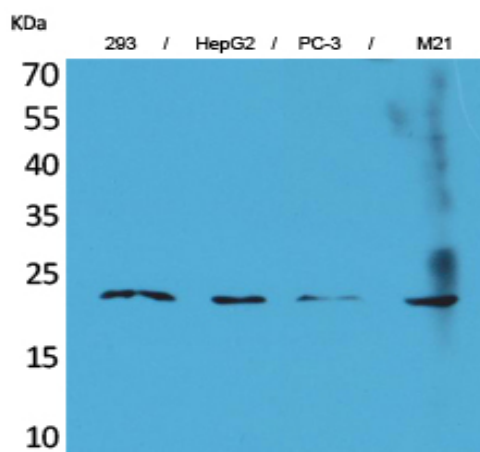
**Subcellular Location :** Secreted, extracellular space.

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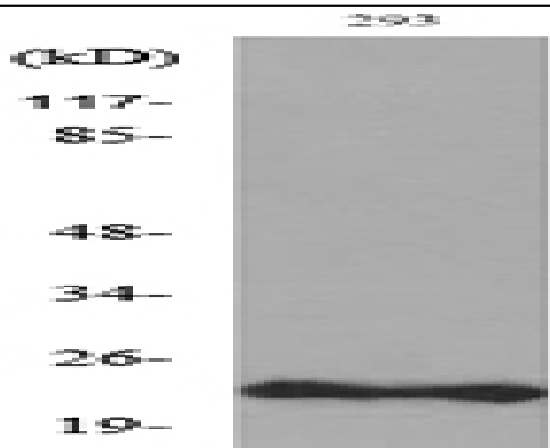
**Expression :** Leukemia cell lines with platelet/ megakaryocytic differentiation potential.

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## Products Images



Western Blot analysis of 293, HepG2, PC-3, M21 cells using FGF-6 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Western blot analysis of lysate from 293 cells, using FGF6 Antibody.