

FGF6 Rabbit pAb

Catalog # AP98166

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	P10767
Other Accession	P10767
Reactivity	Dog
Predicted	Rat, Human, Mouse, Rabbit, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	22905
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human FGF6
Epitope Specificity	110-208/208
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the heparin-binding growth factors family.
SUBUNIT	Interacts with FGFR1, FGFR2, FGFR3 and FGFR4. Affinity between fibroblast growth factors (FGFs) and their receptors is increased by heparan sulfate glycosaminoglycans that function as coreceptors.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	FGF6 is a secreted heparin binding growth factor that is a member of the FGF family. Proteins of this family play a central role during prenatal development and postnatal growth and regeneration of a variety of tissues, by promoting cellular proliferation and differentiation. FGF6 is expressed in leukemia cell lines with platelet megakaryocytic differentiation potential. It signals through FGFR 1c, 2c, and 4. The FGF6 gene displays 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.

Additional Information

Gene ID	2251
Other Names	HBGF-6; HST2; Fgf-6; Fgf7b; HSTF-2; FGF6_HUMAN; FGF6; Heparin secretory-transforming protein 2 (HST-2 HSTF-2); Heparin-binding growth factor 6 (HBGF-6); HSTF2; FGF6_MOUSE; fibroblast growth factor 6
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody

is stable for at least two weeks at 2-4 °C.

Protein Information

Name	FGF6
Synonyms	HST2, HSTF2
Function	Plays an important role in the regulation of cell proliferation, cell differentiation, angiogenesis and myogenesis, and is required for normal muscle regeneration.
Cellular Location	Secreted, extracellular space.
Tissue Location	Leukemia cell lines with platelet/ megakaryocytic differentiation potential

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.