

**bs-5923R**

**[ Primary Antibody ]**

## FGF6 Rabbit pAb



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### — DATASHEET —

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>IHC-P</b> (1:100-500)
<b>GeneID:</b> 2251	<b>SWISS:</b> P10767	<b>IHC-F</b> (1:100-500)
<b>Target:</b> FGF6		<b>IF</b> (1:100-500)
		<b>ELISA</b> (1:5000-10000)
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human FGF6: 110-208/208.		<b>Reactivity:</b> Dog (predicted: Human, Mouse, Rat, Rabbit, Cow, Horse)
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		<b>Predicted MW.:</b> 19 kDa
<b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		<b>Subcellular Location:</b> Secreted ,Extracellular matrix
<b>Background:</b> 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.		

### — SELECTED CITATIONS —

- **[IF=3.8]** Zhang Xuan. et al. FGF6 inhibits oral squamous cell carcinoma progression by regulating PI3K/AKT and MAPK pathways. SCI REP-UK. 2024 Nov;14(1):1-14 WB ;Human,Mouse. 39506091