

## CAB22448

### Product Information

<b>Product SKU:</b>	CAB22448	<b>Gene ID:</b>	2247	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	ARC51103	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human,Mouse,Rat

### Additional Information

<b>Observed MW:</b>	18kDa/22kDa/26kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	31kDa	<b>Isotype:</b>	IgG

### Immunogen Information

**Background:** The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members bind heparin and possess broad mitogenic and angiogenic activities. This protein has been implicated in diverse biological processes, such as limb and nervous system development, wound healing, and tumor growth. The mRNA for this gene contains multiple polyadenylation sites, and is alternatively translated from non-AUG (CUG) and AUG initiation codons, resulting in five different isoforms with distinct properties. The CUG-initiated isoforms are localized in the nucleus and are responsible for the intracrine effect, whereas, the AUG-initiated form is mostly cytosolic and is responsible for the paracrine and autocrine effects of this FGF.

**Recommended Dilution:** WB,1:500 - 1:1000 IF/ICC,1:50 - 1:200

**Synonyms:** BFGF; FGFB; FGF-2; HBGF-2; FGF2

**Purification Method:** Affinity purification

**Immunogen:** A synthetic peptide corresponding to a sequence within amino acids 100-200 of human FGF2 (NP\_001997.5).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.