

Product Datasheet

FGF2 - Basic fibroblast growth factor GRP13227

Species/Host	Chicken
Reactivity	Human
Predicted Reactivity	Bovine, Chicken, Mouse, Rat, Sheep
Immunogen	purified full length native protein UniProt:P09038
Form/Appearance	Liquid in 0.9 % NaCl, 0.1 % sodium azide
Storage	Store at 4°C; make aliquots to avoid working with a stock. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from liquid material adhering to the cap or sides of the tubes.
Note	For research use only.
Clonality	Polyclonal
Purity	Total IgY fraction
MW	18 kDa
Uniprot ID	P09038
Dilution Range	1 : 1000 (ELISA), 1 : 1000 (WB)
Application Notes	<p>Additional Information: Reacts with human recombinant FGF2. No reactivity with other human serum proteins. The IgY fraction is isolated by a two-step PEG precipitation. procedure followed by ammonium sulphate precipitation.</p> <p>Background: Basic Fibroblast Growth Factor (FGF2) is a member of the fibroblast growth factor (FGF) family. FGF family members bind heparin and possess broad mitogenic and angiogenic activities. FGF2 is involved in diverse biological processes, such as limb and nervous system development, wound healing, and tumor growth. FGF2 mRNA contains multiple polyadenylation sites, and is alternatively translated from AUG and non-AUG (CUG) 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.</p>