



Rabbit Anti-FGF16 antibody

SL5769R

Product Name:	FGF16
Chinese Name:	成纤维细胞生长因子16抗体
Alias:	FGF 16; FGF-16; Fibroblast Growth Factor 16; FGF16 HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Pig,Cow,Horse,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	24kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human FGF16:121-207/207
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	Function: FGF16 belongs to the heparin-binding growth factors family. It induces hepatocellular proliferation, but has no biological effect on the heart. Plays an important role in the regulation of embryonic development, cell proliferation and cell differentiation, and is required for normal cardiomyocyte proliferation and heart development.

Subunit:

Interacts with FGFR1 and FGFR2.

Subcellular Location:

Secreted (By similarity).

Similarity:

Belongs to the heparin-binding growth factors family.

SWISS:

O43320

Gene ID:

8823

Database links:

[Entrez Gene: 8823](#)Human

[Entrez Gene: 80903](#)Mouse

[Entrez Gene: 60464](#)Rat

[Omim: 300827](#)Human

[SwissProt: O43320](#)Human

[SwissProt: Q9ESL8](#)Mouse

[SwissProt: O54769](#)Rat

[Unigene: 666364](#)Human

[Unigene: 154768](#)Mouse

[Unigene: 44348](#)Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.