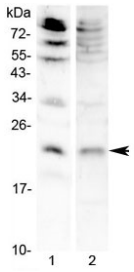
FGF7 Antibody / KGF (R32914)

Catalog No.	Formulation	Size
R32914	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	P36363
Applications	Western Blot: 0.5-1ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This FGF7 antibody is available for research use only.



Western blot testing of 1) mouse brain and 2) rat RH35 lysate with FGF7 antibody at 0.5ug/ml. Predicted molecular weight ~22 kDa.

Description

Keratinocyte growth factor is a protein that in humans is encoded by the FGF7 gene. The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. This protein is a potent epithelial cell-specific growth factor, whose mitogenic activity is predominantly exhibited in keratinocytes but not in fibroblasts and endothelial cells. Studies of mouse and rat homologs of this gene implicated roles in morphogenesis of epithelium, reepithelialization of wounds, hair

development and early lung organogenesis.

Application Notes

Optimal dilution of the FGF7 antibody should be determined by the researcher.

Immunogen

A recombinant mouse protein corresponding to amino acids C32-T194 was used as the immunogen for the FGF7 antibody.

Storage

After reconstitution, the FGF7 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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