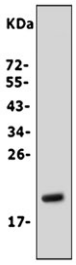
Fibroblast Growth Factor 7 Antibody / FGF7 (RQ6254)

Catalog No.	Formulation	Size
RQ6254	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P21781
Applications	Western blot: 1-2ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This Fibroblast Growth Factor 7 antibody is available for research use only.



Western blot testing of human U-2 OS cell lysate with Fibroblast Growth Factor 7 antibody. 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 Fibroblast Growth Factor 7 antibody should be determined by the researcher.

Immunogen

A human recombinant partial protein (amino acids R54-K178) was used as the immunogen for the Fibroblast Growth Factor 7 antibody.

Storage

After reconstitution, the Fibroblast Growth Factor 7 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Copyright © NSJ Bioreagents. All rights reserved.