

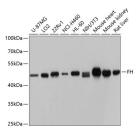
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FH Polyclonal Antibody

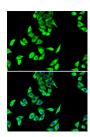
Catalog No.E-AB-61065ReactivityH,M,RStorageStore at -20°C. Avoid freeze / thaw cycles.HostRabbitApplicationsWB,IFIsotypeIgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images



Western blot analysis of extracts of various cell lines using FH Polyclonal Antibody at dilution of 1:1000.



Immunofluorescence analysis of U2OS cells using FH Polyclonal Antibody

Immunogen Information

Immunogen Recombinant fusion protein of human FH

(NP_000134.2).

GeneID 2271 **Swissprot** P07954

Synonyms FH,FMRD,HLRCC,LRCC,MCL,MCUL1

Product Information

Calculated MW 50kDa/54kDa

Observed MW 50kDa

Buffer PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Purify Affinity purification

Dilution WB 1:500-1:2000 IF 1:10-1:100

Background

The protein encoded by this gene is an enzymatic component of the tricarboxylic acid (TCA) cycle, or Krebs cycle, and catalyzes the formation of L-malate from fumarate. It exists in both a cytosolic form and an N-terminal extended form, differing only in the translation start site used. The N-terminal extended form is targeted to the mitochondrion, where the removal of the extension generates the same form as in the cytoplasm. It is similar to some thermostable class II fumarases and functions as a homotetramer. Mutations in this gene can cause fumarase deficiency and lead to progressive encephalopathy.