

CFHR1 Antibody

Catalog No: #31079



Package Size: #31079-1 50ul #31079-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	CFHR1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	ELISA WB IHC
Species Reactivity	Human, Mouse
Specificity	The antibody detects endogenous level of CFHR1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein of human CFHR1
Target Name	CFHR1
Other Names	complement factor H-related 1, CFHL, FHR1, HFL1, HFL2, CFHL1, H36-1, H36-2, CFHL1P, CFHR1P
Concentration	0.2 mg/ml
Formulation	Supplied at 1mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.3, 0.05% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

Application Details

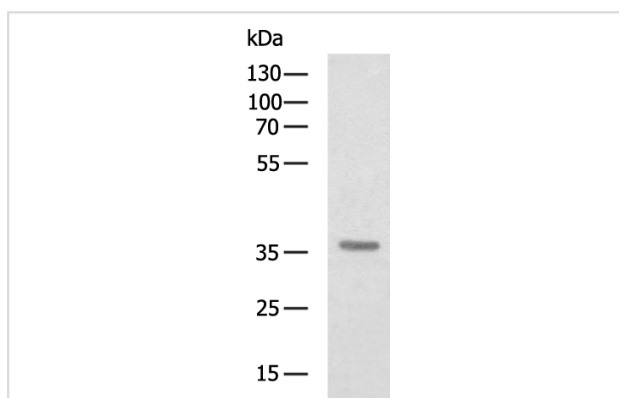
Predicted MW: 38kd

ELISA: 1:2000-1:5000

Western blotting: 1:500-1:2000

Immunohistochemistry: 1:50-1:200

Images



Gel: 8%SDS-PAGE

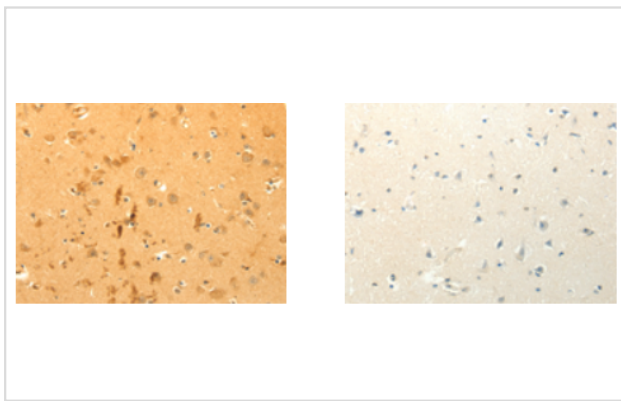
Lysate: 40 ug

Lane: Mouse liver tissue lysate

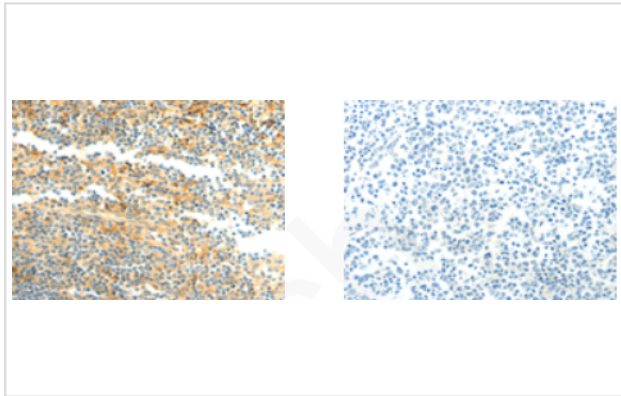
Primary antibody: at dilution 1/800

Secondary antibody: at 1/5000 dilution

Exposure time: 1 minute



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue at dilution 1/40, on the right is treated with fusion protein. (Original magnification: 200)



The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue at dilution 1/40, on the right is treated with fusion protein. (Original magnification: 200)

Background

This gene encodes a secreted protein belonging to the complement factor H protein family. It binds to *Pseudomonas aeruginosa* elongation factor Tuf together with plasminogen, which is proteolytically activated. It is proposed that Tuf acts as a virulence factor by acquiring host proteins to the pathogen surface, controlling complement, and facilitating tissue invasion. Mutations in this gene are associated with an increased risk of atypical hemolytic-uremic syndrome.?

Note: This product is for in vitro research use only and is not intended for use in humans or animals.