

Anti-FCHSD1 Antibody

Catalog Number: A13635-2

About FCHSD1

FCHSD1 (FCH and double SH3 domains 1), also known as NWK2, is a member of the F-BAR family, which is involved in endocytosis and vesicle trafficking. FCHSD1 is expressed in mouse cochlear sensory hair cells and plays an important role in regulating the assembly or maintenance of F-actin in hair cell stereocilia and cuticular plate (PMID: 23437151). FCHSD1 also plays a role in stress response sensing and oxidative stress integration and is involved in the pathogenesis of emphysema (PMID: 34168078). FCHSD1 has three isoforms with molecular weights of 77 kDa, 46 kDa, and 40 kDa.

Overview

Product Name	Anti-FCHSD1 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-FCHSD1 Antibody catalog # A13635-2. Tested in WB, IHC, IF, ELISA applications. This antibody reacts with Human, Mouse.
Application	ELISA, IF, IHC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg stabilizing protein and 50% glycerol This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt at -20°C as supplied. 6 months at 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q86WN1

Technical Details

Immunogen	E.coli-derived human FCHSD1 recombinant protein (Position: V61-R407).
Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-400 Immunofluorescence, 1:50-400

ELISA, 1:100-1000

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Anti-FCHSD1 Antibody

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