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antibody and ELISA experts

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Anti-PROX-1-S514 Antibody

Catalog Number: A01985

About PROX1

Apolipoprotein H has been implicated in a variety of physiologic pathways including lipoprotein metabolism, coagulation, and the production of antiphospholipid autoantibodies. APOH may be a required cofactor for anionic phospholipid binding by the antiphospholipid autoantibodies found in sera of many patients with lupus and primary antiphospholipid syndrome, but it does not seem to be required for the reactivity of antiphospholipid autoantibodies associated with infections.

Overview

Product Name	Anti-PROX-1-S514 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-PROX-1-S514 Antibody (Catalog # A01985). Tested in IHC-P, Flow Cytometry, WB application(s). This antibody reacts with Human, Mouse.
Application	Flow Cytometry, IHC-P, WB
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q92786

Technical Details

Immunogen	This PROX1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 492-520 amino acids from human PROX1.
Predicted Reactive Species	Chicken, Drosophila, Rat, Xenopus
Isotype	Rabbit IgG
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Suggested Dilutions	WB: 1:1000 IHC-P: 1:50-1:100 FC: 1:25

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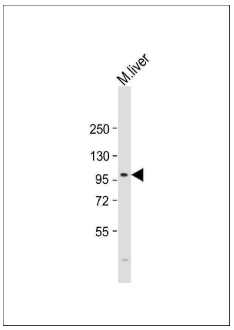
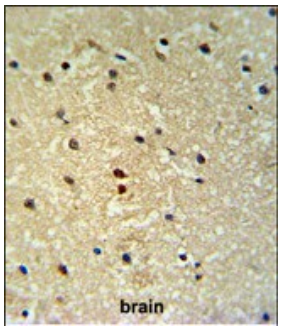
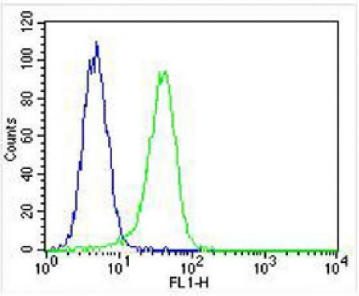
Anti-PROX-1-S514 Antibody (A01985) Images



Anti-PROX-1-S514 Antibody at 1:2000 dilution + mouse liver lysateLysates/proteins at 20 µg per lane.SecondaryGoat Anti-Rabbit IgG, (H+L),Peroxidase conjugated at 1/10000 dilution.Predicted band size : 83 kDaBlocking/Dilution buffer: 5% NFDM/TBST.



PROX-1-S514 Antibody IHC analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the PROX-1-S514 Antibody for immunohistochemistry. Clinical relevance has not been evaluated.



Overlay histogram showing A549 cells stained with A01985 (green line). The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then icubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (A01985, 1:25 dilution) for 60 min at 37ºC. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed at 1/400 dilution for 40 min at 37ºC. Isotype control antibody (blue line) was rabbit IgG (1g/1x10^6 cells) used under the same conditions. Acquisition of >10, 000 events was performed.

1 Publications Citing This Product

1. PubMed ID: 33986371, Meng FW,Yu JT,Chen JY,Yang PF.New lymphatic cell formation is associated with damaged brain tissue clearance after penetrating traumatic brain injury.Sci Rep.2021 May 13;11(1):10193.doi:10.1038/s41598-021-89616-3.PMID:33986371;PMCID:PMC8119702.

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