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anti-CHPF antibody (C-Term)

3 Images



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Overview

Quantity:	100 μL
Target:	CHPF
Binding Specificity:	C-Term
Reactivity:	Human, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHPF antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

Product Details

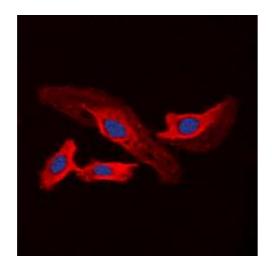
Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human CHSY2.
Specificity:	Recognizes endogenous levels of CHSY2 protein.
Characteristics:	Rabbit polyclonal antibody to CHSY2
Purification:	The antibody was purified by immunogen affinity chromatography.

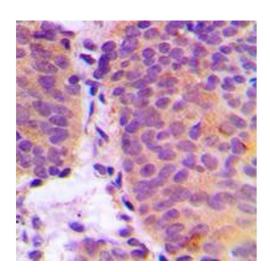
Target Details

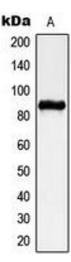
Target:	CHPF
Alternative Name:	CHSY2 (CHPF Products)

Target Details

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Background:	CSS2, Chondroitin sulfate synthase 2, Chondroitin glucuronyltransferase 2, Chondroitin-polymerizing factor, ChPF, Glucuronosyl-N-acetylgalactosaminyl-proteoglycan 4-beta-N-acetylgalactosaminyltransferase II, N-acetylgalactosaminyl-proteoglycan 3-beta-glucuronosyltransferase II, N-acetylgalactosaminyltransferase 2
Gene ID:	79586
UniProt:	Q8IZ52
Pathways:	Glycosaminoglycan Metabolic Process, SARS-CoV-2 Protein Interactome
Application Details	
Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200), IF/IC (1:100 - 1:500)
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months







Immunofluorescence

Image 1. Immunofluorescent analysis of CHSY2 staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

Immunohistochemistry

Image 2. Immunohistochemical analysis of CHSY2 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Western Blotting

Image 3. Western blot analysis of CHSY2 expression in A549 (A) whole cell lysates.