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Datasheet for ABIN5000015

anti-CHPF antibody (AA 51-150) (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	CHPF
Binding Specificity:	AA 51-150
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHPF antibody is conjugated to Alexa Fluor 680
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CHPF
Isotype:	IgG
Specificity:	May have slight cross reactivity with CHPF2 due to sequence similarity of the following amino acids "RTRYI" within the immunogen
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Sheep,Pig
Purification:	Purified by Protein A.

Target Details

Target:	CHPF
Alternative Name:	CHPF (CHPF Products)
Background:	<p>Synonyms: Chondroitin sulfate synthase 2, Chondroitin-polymerizing factor, Glucuronosyl-N-acetylgalactosaminyl-proteoglycan 4-beta-N-acetylgalactosaminyltransferase II, N-acetylgalactosaminyl-proteoglycan 3-beta-glucuronosyltransferase II, N-acetylgalactosaminyltransferase 2</p> <p>Background: Has both beta-1,3-glucuronic acid and beta-1,4-N-acetylgalactosamine transferase activity. Transfers glucuronic acid (GlcUA) from UDP-GlcUA and N-acetylgalactosamine (GalNAc) from UDP-GalNAc to the non-reducing end of the elongating chondroitin polymer.</p> <p>Isoform 2 may facilitate PARK2 transport into the mitochondria. In collaboration with PARK2, isoform 2 may enhance cell viability and protect cells from oxidative stress.</p>
Gene ID:	79586
UniProt:	Q8IZ52
Pathways:	Glycosaminoglycan Metabolic Process , SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Handling

Expiry Date: 12 months