

# CHP1 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Published Species	Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant fragment corresponding to a region within amino acids 1 and 195 of Human Calcium binding protein P22
Form	Liquid
Concentration	1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	0.1M tris glycine, pH 7, with 20% glycerol
Contains	0.01% thimerosal
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2547350

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:3000	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1000	-
Immunocytochemistry (ICC)	1:100-1:1000	-
Immunofluorescence (IF)	1:100-1:1000	-
Immunoprecipitation (IP)	Assay Dependent	-

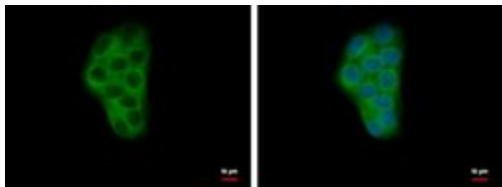
## Product Specific Information

Recommended positive controls: HeLa, HepG2, mouse liver, rat liver.

Predicted reactivity: Mouse (98%), Rat (98%), Zebrafish (90%), Xenopus laevis (94%), Chicken (96%), Rhesus Monkey (100%), Bovine (99%).

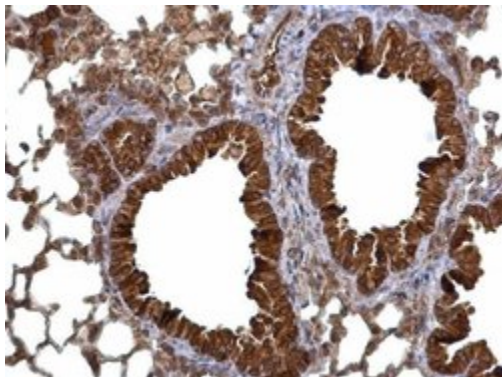
Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

## Product Images For CHP1 Polyclonal Antibody



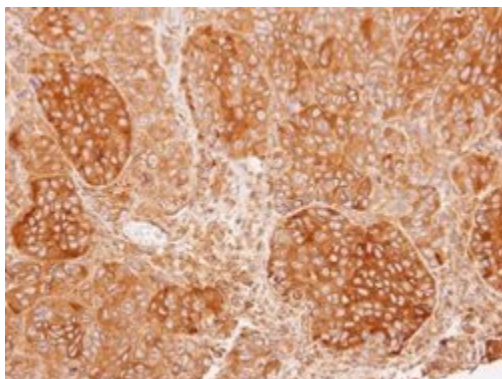
### CHP1 Antibody (PA5-29876) in IF

Immunofluorescent analysis of Calcium binding protein P22 showing staining in the cytoplasm of HepG2 cells. HepG2 cells were fixed in 4% paraformaldehyde at RT for 15 min and stained using a Calcium binding protein P22 polyclonal antibody (Product # PA5-29876) diluted at 1:500. Blue: Hoechst 33342 staining.



### CHP1 Antibody (PA5-29876) in IHC (P)

Immunohistochemical analysis of Calcium binding protein P22 in the cytosol of paraffin-embedded mouse lung using a Calcium binding protein P22 polyclonal antibody (Product # PA5-29876) at a dilution of 1:500.



### CHP1 Antibody (PA5-29876) in IHC (P)

Immunohistochemical analysis of Calcium binding protein P22 in paraffin-embedded SW480 xenograft using a Calcium binding protein P22 polyclonal antibody (Product # PA5-29876) at a dilution of 1:100.

[View more figures on thermofisher.com](https://www.thermofisher.com)

## 1 Reference

### Western Blot (1)

Frontiers in neuroscience

#### PLS3 Overexpression Delays Ataxia in *Chp1* Mutant Mice.

"PA5-29876 was used in Western Blotting to determine whether PLS3 is a cross-disease modifier for ataxia caused by *Chp1* mutation in mice."

Authors: Janzen E, Wolff L, Mendoza-Ferreira N, Hupperich K, Delle Vedove A, Hosseinibarkoobe S, Kye MJ, Wirth B

Species  
Mouse

Dilution  
Not Cited

Year  
2020

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.