Nur für Forschungszwecke

CEP89, CCDC123 Monoklonaler Antikörper

Katalog-Nr.:68112-1-Ig

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Allgemeine Informationen

Katalog-Nr.:
68112-1-Ig

Größe:
150ul , Konzentration: 1000 μg/ml von Nanodrop;

Wirt:
Maus

Isotyp:
IgG1

Immunogen Katalognummer:
AG28339

GenBank-Zugangsnummer:
BC136328

GeneID (NCBI):
84902

Vollständiger Name:
coiled-coil domain containing 123

Berechneté Masse:
783 aa, 90 kDa

Beobachteté Masse:
90 kDa

Reinigungsmethode:
Protein-G-Reinigung

CloneNo.:
1F12C5

Empfohlene Verdünnungen:
WB 1:1000-1:4000
IF 1:200-1:800

Anwendungen

Geprüfte Anwendungen:
IF, WB, ELISA

Getestete Reaktivität:
Human, Maus

Positivkontrollen:

WB : HeLa-Zellen, A431-Zellen, A549-Zellen, Neuro-2a-Zellen, SH-SY5Y-Zellen, U-251-Zellen

IF : Maus-Augengewebe,

Hintergrundinformationen

CCDC123 (as known as CEP123), also named as CEP89, encodes for a protein required for ciliogenesis. It plays a role in mitochondrial metabolism by modulating complex IV activity. It has been shown that CEP123 is localized to the distal appendages of the mother centriolecep and the localization of CEP123 is cell cycle-dependent with its levels decreasing during mitosis. CEP123 depletion can cause defects in ciliary vesicle formationcep and prevent the formation of a ciliary vesicle at the distal end of the mother centriole. It is possible that CEP123 is involved in regulating the recruitment of membranes to the centrosome through its interaction with CEP290 (PMID:23575228, 23789104, 23348840).

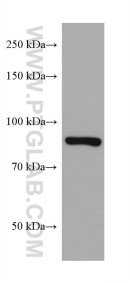
Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C lagerung

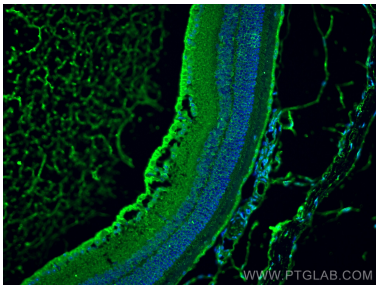
***** 20ul-Größen enthalten 0.1% BSA**

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

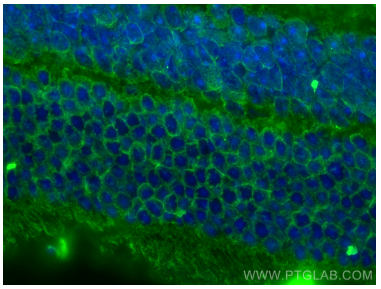
Ausgewählte Validierungsdaten



Neuro-2a cells were subjected to SDS PAGE followed by western blot with 68112-1-Ig (CCDC123 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed mouse eye tissue using CEP89, CCDC123 antibody (68112-1-Ig, Clone: 1F12C5) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



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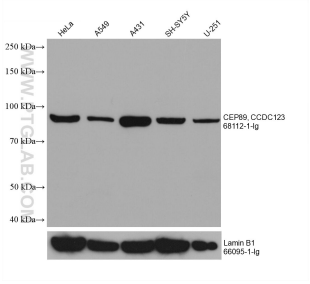
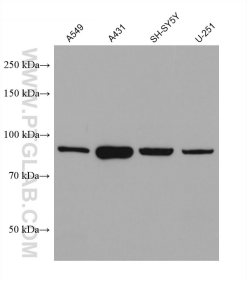


Various lysates were subjected to SDS PAGE followed by western blot with 68112-1-Ig (CEP89, CCDC123 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with Lamin B1 Monoclonal antibody (66095-1-Ig) as loading control.



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