

For Research Use Only

CHCHD3 Recombinant antibody, PBS Only



Catalog Number: 82743-1-PBS

Basic Information

Catalog Number: 82743-1-PBS	GenBank Accession Number: BC014839	Purification Method: Protein A purification
Size: 1mg/ml	GeneID (NCBI): 54927	CloneNo.: 4B11
Source: Rabbit	UNIPROT ID: Q9NX63	
Isotype: IgG	Full Name: coiled-coil-helix-coiled-coil-helix domain containing 3	
Immunogen Catalog Number: AG22579	Calculated MW: 227 aa, 26 kDa	
	Observed MW: 26 kDa	

Applications

Tested Applications:
WB, IF, Indirect ELISA

Species Specificity:
Human, mouse

Background Information

CHCHD3, initially identified as a substrate for cAMP-dependent protein kinase (PKA), is a ubiquitous protein in the mitochondria and plays a prominent role in maintaining cristae integrity and mitochondrial function. In mitochondria, ChChd3 is predominantly localized to the inner membrane (IM), facing toward the intermembrane space (IMS), and is part of the large protein complex now called as MINOS (mitochondrial inner membrane organizing system), or MIB (mitochondrial intermembrane space bridging). CHCHD3 is highly conserved in mammals with human and mouse protein sharing 92% sequence similarity.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:

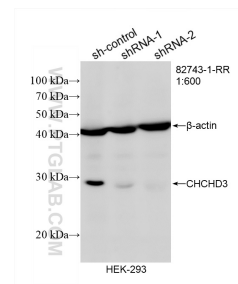
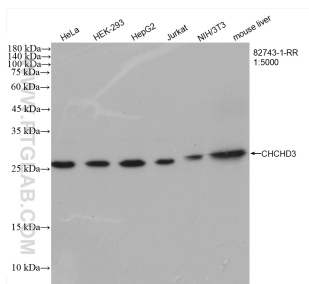
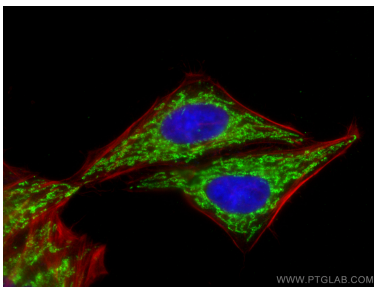
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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CHCHD3 antibody (82743-1-RR, Clone: 4B11) at dilution of 1:500 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red). This data was developed using the same antibody clone with 82743-1-PBS in a different storage buffer formulation.

Various lysates were subjected to SDS PAGE followed by western blot with 82743-1-RR (CHCHD3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82743-1-PBS in a different storage buffer formulation.

WB result of CHCHD3 antibody (82743-1-RR; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-CHCHD3 transfected HEK-293 cells. This data was developed using the same antibody clone with 82743-1-PBS in a different storage buffer formulation.