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Product datasheet for TA811798

CHCHD10 Mouse Monoclonal Antibody [Clone ID: OTI3B8]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI3B8
Applications:	IHC, WB
Recommended Dilution:	WB 1:500~2000, IHC 1:500
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 17-142 of human CHCHD10 (NP_998885) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	14 kDa
Gene Name:	coiled-coil-helix-coiled-coil-helix domain containing 10
Database Link:	NP_998885 Entrez Gene 400916 Human Q8WYQ3
Background:	This gene encodes a mitochondrial protein that is enriched at cristae junctions in the intermembrane space. It may play a role in cristae morphology maintenance or oxidative phosphorylation. Mutations in this gene cause frontotemporal dementia and/or amyotrophic lateral sclerosis-2. Alternative splicing of this gene results in multiple transcript variants. Related pseudogenes have been identified on chromosomes 7 and 19. [provided by RefSeq, Aug 2014]

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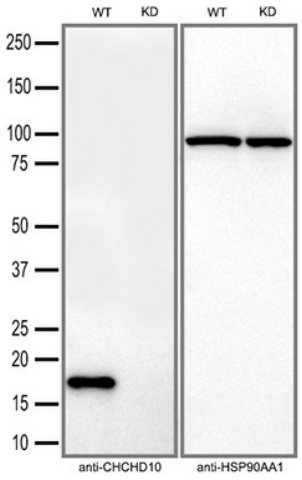
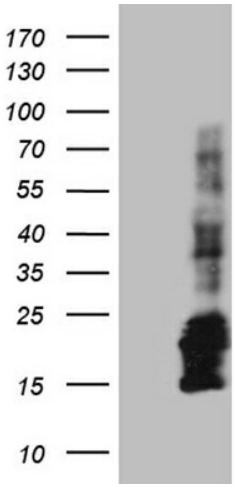
Synonyms: C22orf16; FTDALS2; IMMD; N27C7-4; SMAJ

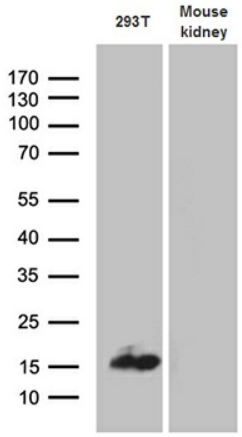
Product images:



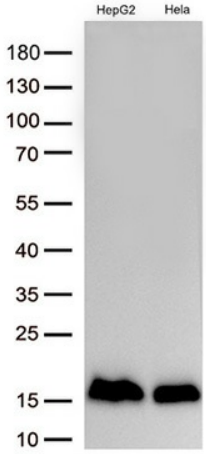
Equivalent amounts of cell lysates (30 ug per lane) of wild-type HAP-1 cells (WT) and CHCHD10-Knockdown HAP-1 cells (KD) were separated by SDS-PAGE and immunoblotted with anti-CHCHD10 monoclonal antibody TA811798 (1:1000). Then the blotted membrane was stripped and reprobed with anti-HSP90AA1 antibody as a loading control.



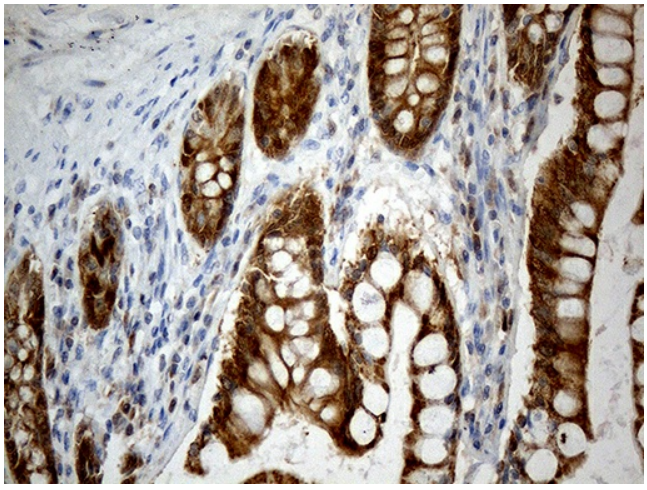
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY CHCHD10 (Cat# [RC209077], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-CHCHD10 (Cat# TA811798)(1:2000). Positive lysates [LY403738] (100ug) and [LC403738] (20ug) can be purchased separately from OriGene.



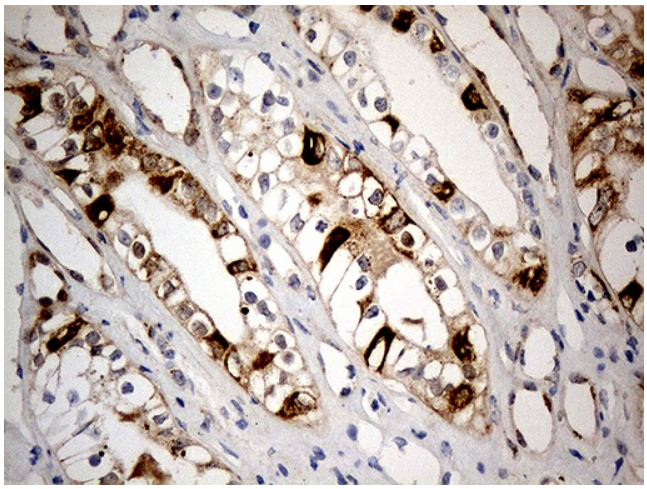
Western blot analysis of extracts (35ug) from 293T cell line and mouse kidney tissue lysate by using anti-CHCHD10 monoclonal antibody (1:500).



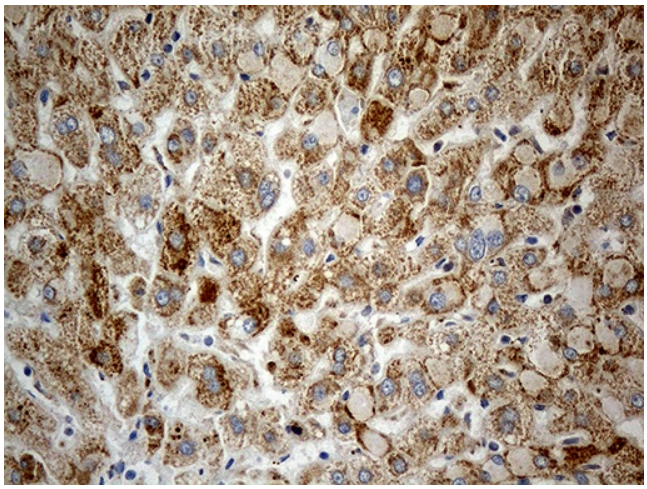
Western blot analysis of extracts (30ug per lane) from 2 cell lines lysates by using anti-CHCHD10 monoclonal antibody (TA811798, 1:2000).



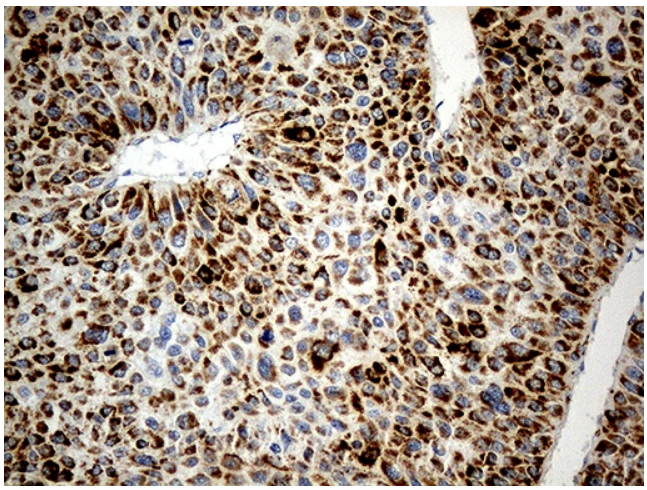
Immunohistochemical staining of paraffin-embedded Human colon tissue within the normal limits using anti-CHCHD10 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



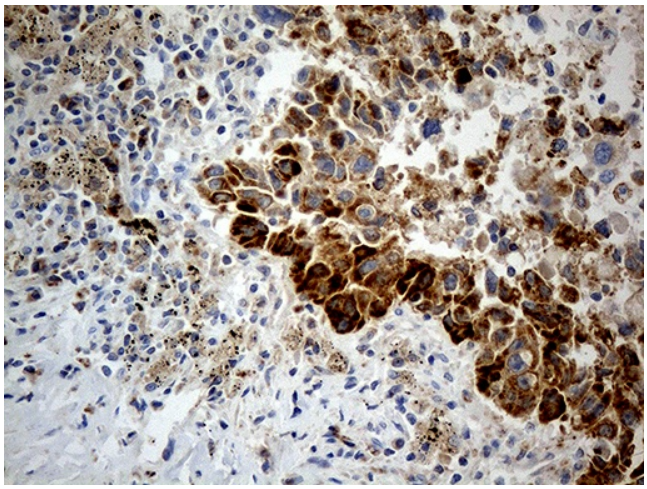
Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-CHCHD10 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



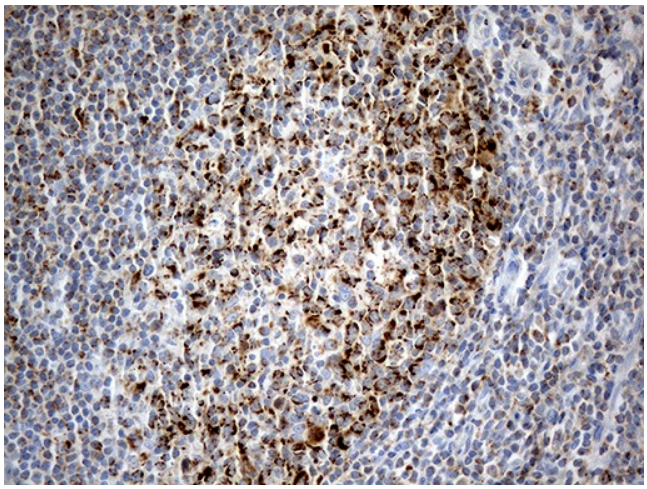
Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-CHCHD10 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



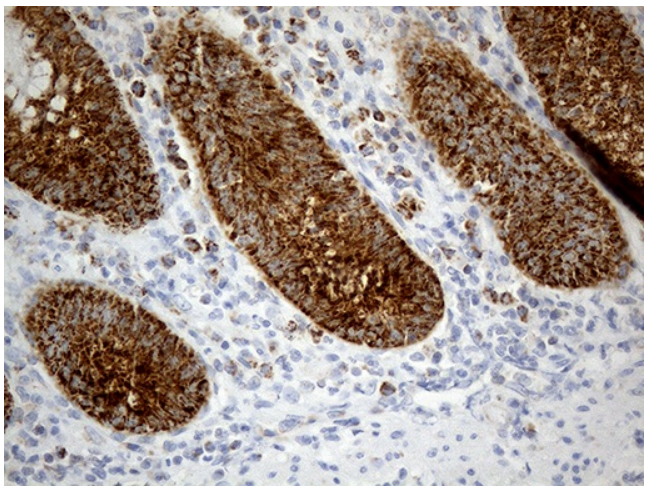
Immunohistochemical staining of paraffin-embedded Carcinoma of Human liver tissue using anti-CHCHD10 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-CHCHD10 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunohistochemical staining of paraffin-embedded Human tonsil within the normal limits using anti-CHCHD10 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunohistochemical staining of paraffin-embedded Human appendix tissue within the normal limits using anti-CHCHD10 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.