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Product datasheet for CF505072

CHN 1 (CHN1) Mouse Monoclonal Antibody [Clone ID: OTI1C9]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI1C9
Applications:	FC, IHC, WB
Recommended Dilution:	WB 1:2000, IHC 1:150, FLOW 1:100
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human CHN1(NP_001813) produced in HEK293T cell.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
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:	53 kDa
Gene Name:	chimerin 1
Database Link:	NP_001813 Entrez Gene 84030 RatEntrez Gene 108699 MouseEntrez Gene 1123 Human P15882

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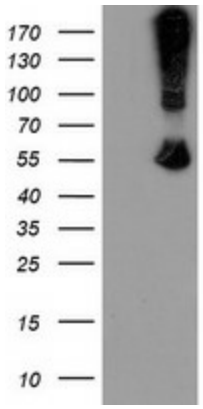
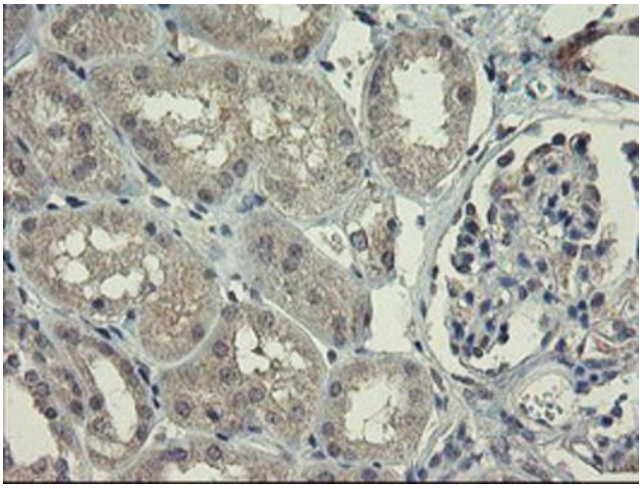
Background: This gene encodes GTPase-activating protein for ras-related p21-rac and a phorbol ester receptor. It is predominantly expressed in neurons, and plays an important role in neuronal signal-transduction mechanisms. Mutations in this gene are associated with Duane's retraction syndrome 2 (DURS2). Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq]

Synonyms: ARHGAP2; CHN; DURS2; NC; RHOGAP2

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY CHN1 ([RC222163], 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-CHN1. Positive lysates [LY400688] (100ug) and [LC400688] (20ug) can be purchased separately from OriGene.



Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-CHN1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA505072])

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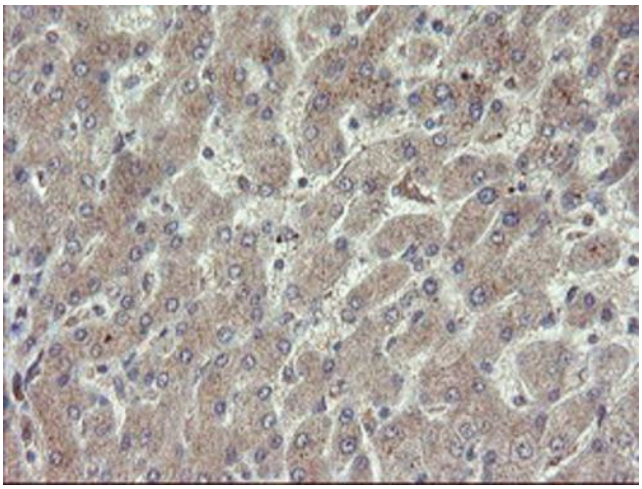
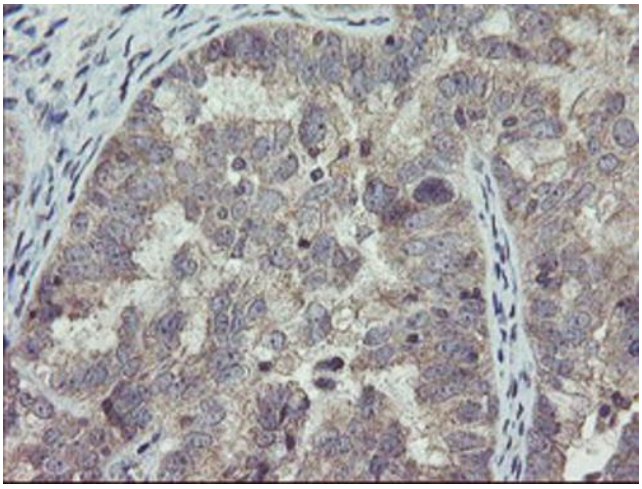
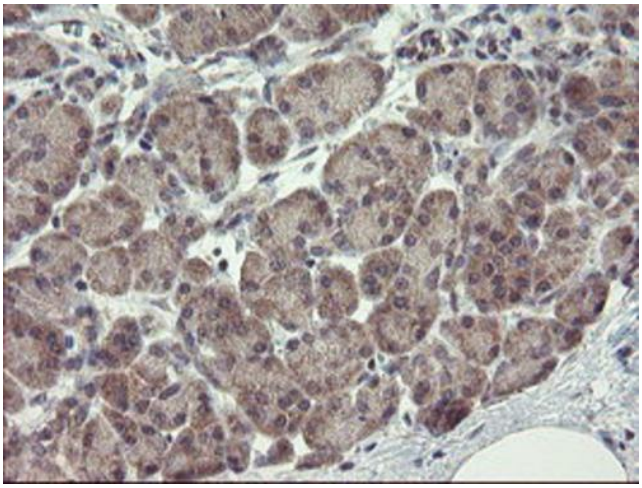


Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-CHN1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA505072])



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-CHN1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA505072])



Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-CHN1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA505072])

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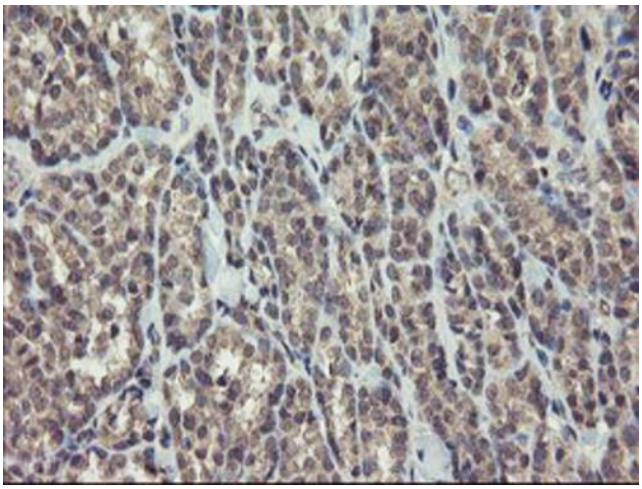
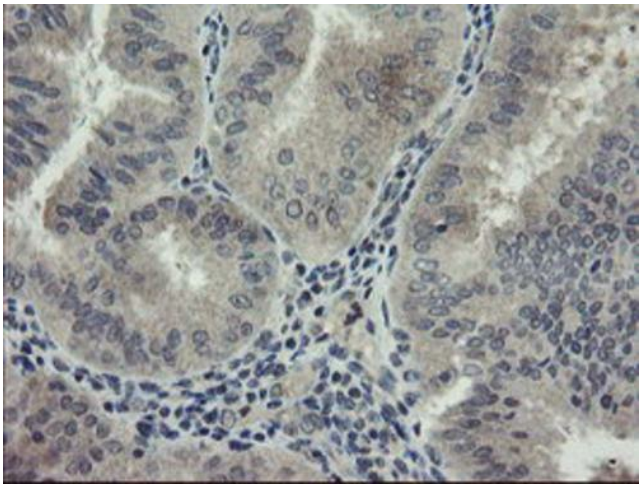
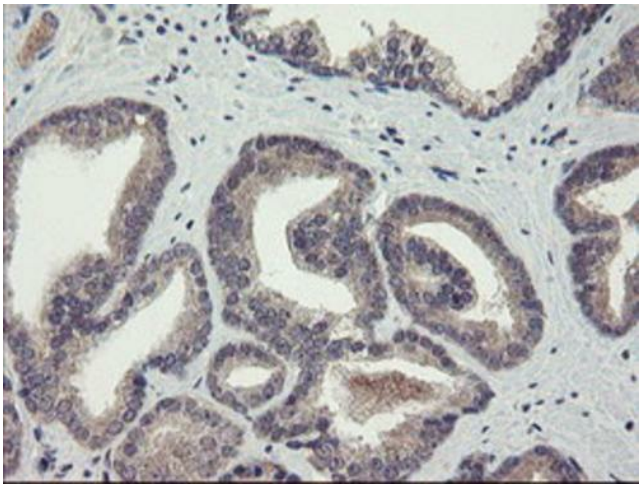


Immunohistochemical staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-CHN1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA505072])



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-CHN1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA505072])



Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-CHN1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA505072])

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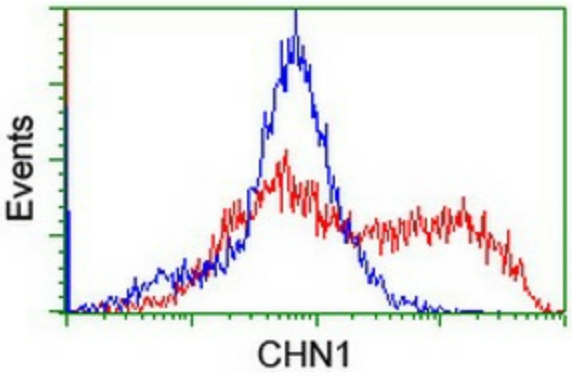

HEK293T cells transfected with either [RC222163] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-CHN1 antibody ([TA505072]), and then analyzed by flow cytometry.

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