

Product datasheet for **TA810226BM**

Calcium binding protein P22 (CHP1) Mouse Monoclonal Antibody (HRP conjugated) [Clone ID: OTI4B9]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI4B9
Applications:	IHC, WB
Recommended Dilution:	WB 1:2000, IHC 1:500
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human CHP (NP_009167) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol.
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	HRP
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	22.3 kDa
Gene Name:	calcineurin like EF-hand protein 1
Database Link:	NP_009167 Entrez Gene 56398 Mouse Entrez Gene 64152 Rat Entrez Gene 11261 Human Q99653
Synonyms:	CHP; p22; p24; Sid470p; SLC9A1BP

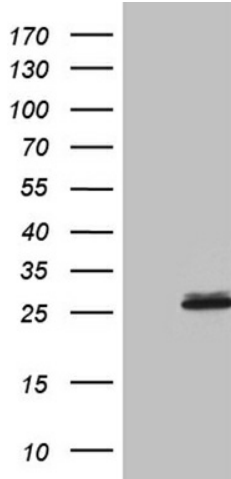


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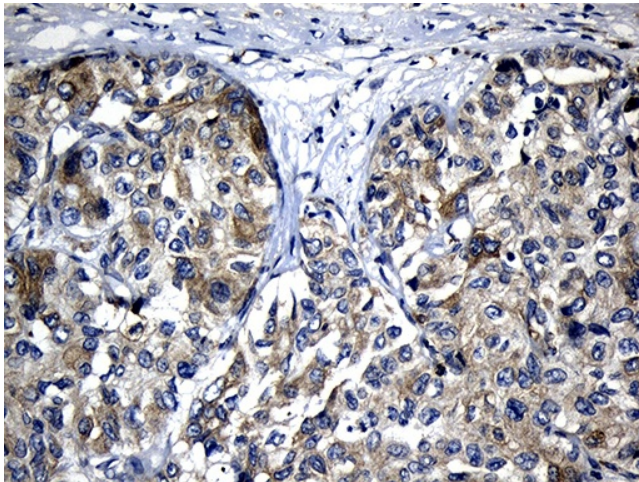
Protein Pathways:

Alzheimer's disease, Amyotrophic lateral sclerosis (ALS), Apoptosis, Axon guidance, B cell receptor signaling pathway, Calcium signaling pathway, Long-term potentiation, MAPK signaling pathway, Natural killer cell mediated cytotoxicity, Oocyte meiosis, T cell receptor signaling pathway, VEGF signaling pathway, Wnt signaling pathway

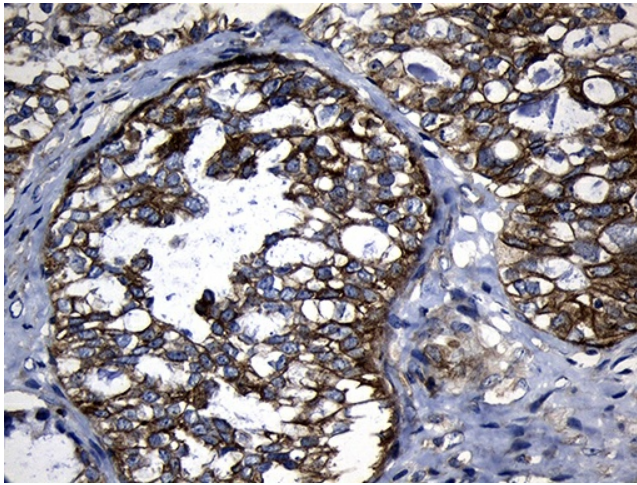
Product images:



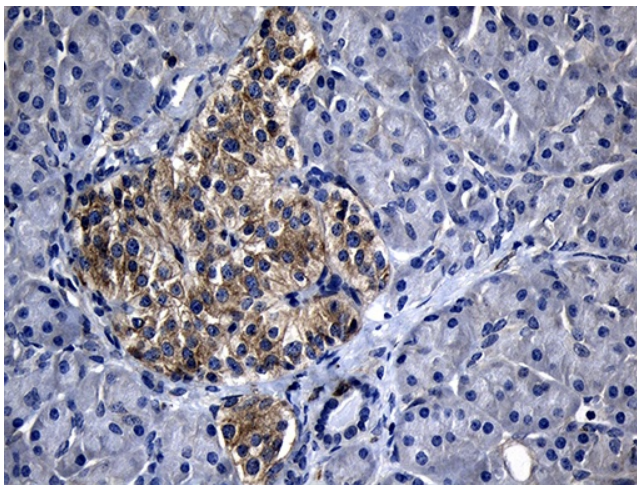
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY CHP (Cat# [RC201928], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-CHP (Cat# [TA810226])(1:2000). Positive lysates [LY402116] (100ug) and [LC402116] (20ug) can be purchased separately from OriGene.



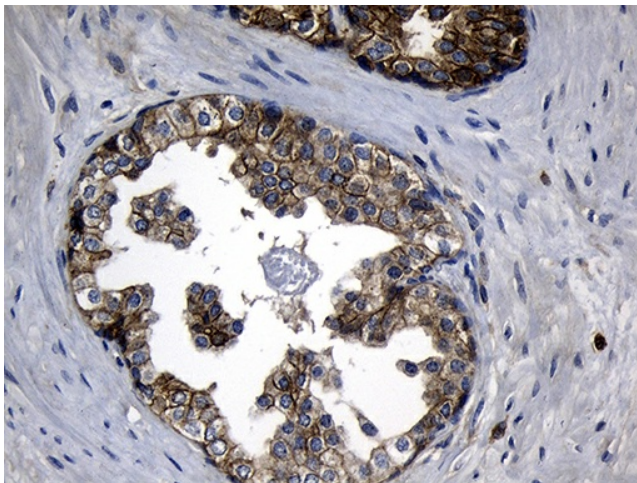
Immunohistochemical staining of paraffin-embedded Carcinoma of Human liver tissue using anti-CHP mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA810226]) (1:500)



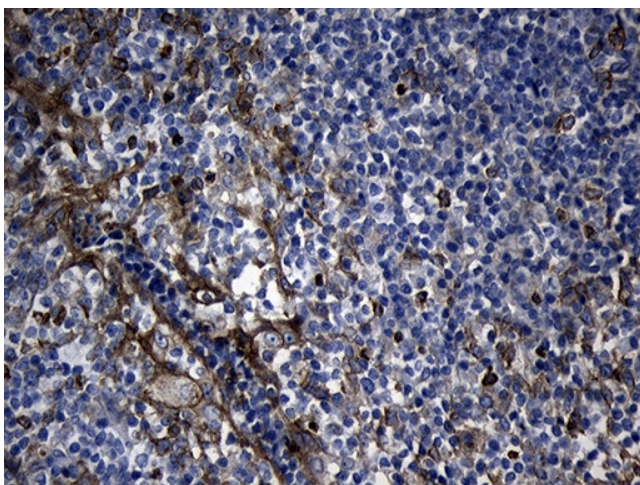
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-CHP mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA810226]) (1:500)



Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-CHP mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA810226]) (1:500)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-CHP mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA810226]) (1:500)



Immunohistochemical staining of paraffin-embedded Human tonsil within the normal limits using anti-CHP mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA810226]) (1:500)