

产品名称: CHP2 Rabbit Polyclonal Antibody
产品货号: APRab08779



产品概述 (Summary)

产品名称 (Production Name)	CHP2 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	CHP2
别名 (Alternative Names)	CHP2; HCA520; Calcineurin B homologous protein 2; Hepatocellular carcinoma-associated antigen 520
基因 ID (Gene ID)	63928.0
蛋白 ID (SwissProt ID)	O43745.The antiserum was produced against synthesized peptide derived from human CHP2. AA range:101-150

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	22kDa

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研究背景 (Background)

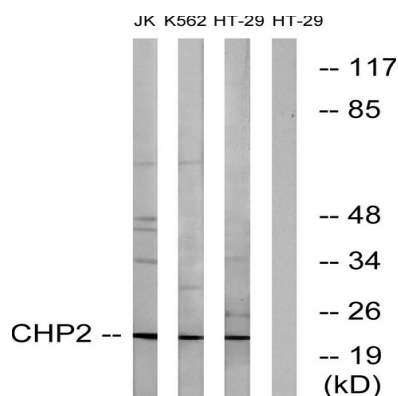
This gene product is a small calcium-binding protein that regulates cell pH by controlling plasma membrane-type Na⁺/H⁺ exchange activity. This protein shares sequence similarity with calcineurin B and can bind to and stimulate the protein phosphatase activity of calcineurin A (CnA) and functions in the calcineurin/NFAT (nuclear factor of activated T cells) signaling pathway. Another member of the CHP subfamily, Calcineurin B homologous protein 1, is located on Chromosome 15 and is an inhibitor of calcineurin activity and has a genetic phenotype associated with Parkinson's Disease (OMIM:606988). This gene was initially identified as a tumor-associated antigen and was previously referred to as Hepatocellular carcinoma-associated antigen 520. [provided by RefSeq, Jul 2013],function: Binds to and activates SLC9A1/NHE1 in a serum-independent manner, thus increasing pH and protecting cells from serum deprivation-induced death.,similarity: Contains 4 EF-hand domains.,subunit: Binds to SLC9A1/NHE1.,tissue specificity: Expressed in malignantly transformed cells but not detected in normal tissues.,

研究领域 (Research Area)

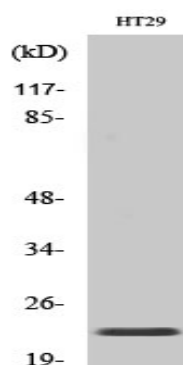
MAPK_ERK_Growth;MAPK_G_Protein;Calcium;Oocyte

meiosis;Apoptosis_Inhibition;Apoptosis_Mitochondrial;Apoptosis_Overview;WNT;WNT-T CELL Axon guidance;VEGF;Natural killer cell mediated cytotoxicity;T_Cell_Receptor;B_Cell_Antigen;Long-term potentiation;Alzheimer's disease;Amyotrophic lateral sclerosis (ALS);

图片 (Image Data)



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Western Blot analysis of various cells using CHP2 Polyclonal Antibody

注意事项 (Note)

For research use only .