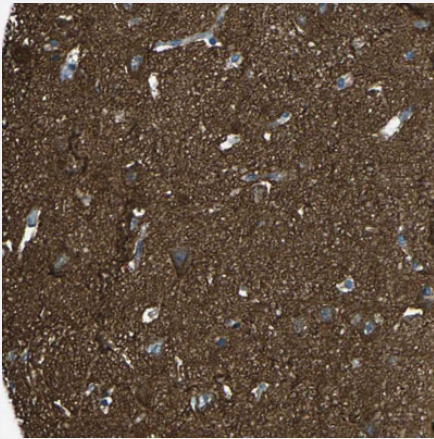


PCTK2 polyclonal antibody

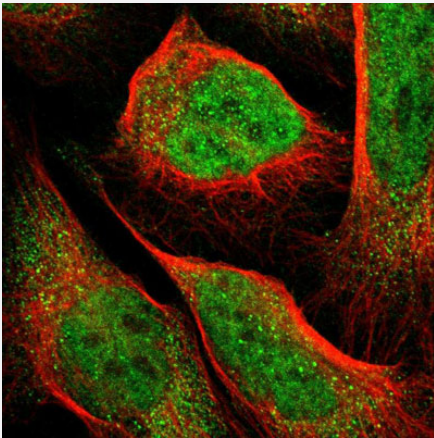
Catalog # PAB30513 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human hippocampus using PCTK2 polyclonal antibody (Cat # PAB30513) shows moderate cytoplasmic positivity in neuronal cells.



Immunofluorescence

Immunofluorescent staining of U-2 OS cells using PCTK2 polyclonal antibody (Cat # PAB30513) shows positivity in cytoplasm and nucleus (green) but excluded from the nucleoli.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human PCTK2.
Immunogen	Recombinant protein corresponding to amino acids 6 - 132 of human PCTK2.
Sequence	RRLSLTLRGSQTIDESLSELAEQMTIEENSSKDNPIVKNGRPPTSHSMHSFLHQYTGSFKKPPLR RPHSVIGGSLGSGFMAMPRNGSRLDIVHENLKMGSDESDQASGTSSDEVQSPTGVCLRNRI

Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1 - 4 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200 - 1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human hippocampus using PCTK2 polyclonal antibody (Cat # PAB30513) shows moderate cytoplasmic positivity in neuronal cells.

- Immunofluorescence

Immunofluorescent staining of U-2 OS cells using PCTK2 polyclonal antibody (Cat # PAB30513) shows positivity in cytoplasm and nucleus (green) but excluded from the nucleoli.

Gene Info — PCTK2

Entrez GeneID	5128
Protein Accession#	Q00537
Gene Name	PCTK2
Gene Alias	PCTAIRE2
Gene Description	PCTAIRE protein kinase 2
Omim ID	603440

Gene Ontology[Hyperlink](#)**Gene Summary**

The protein encoded by this gene belongs to the cdc2/cdkx subfamily of the ser/thr family of protein kinases. It has similarity to rat protein which is thought to play a role in terminally differentiated neurons. [provided by RefSeq]

Other Designations

protein kinase cdc2-related PCTAIRE-2|serine/threonine-protein kinase PCTAIRE-2

Disease

- [Neurofibromatosis](#)
- [Neurofibromatosis 1](#)