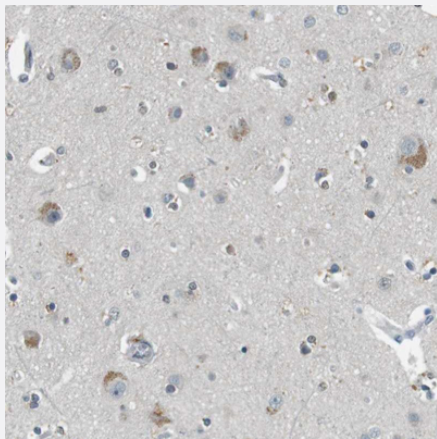


PFTK1 polyclonal antibody

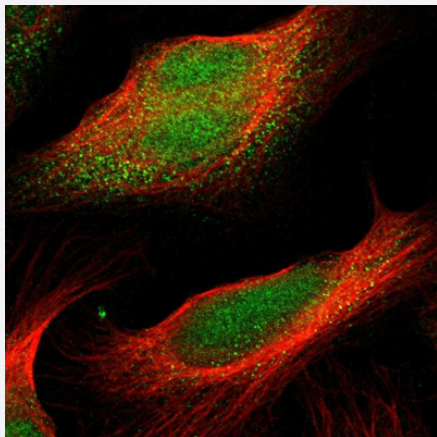
Catalog # PAB30604 Size 100 uL

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human cerebral cortex with PFTK1 polyclonal antibody (Cat # PAB30604) shows cytoplasmic positivity in neuronal cells.



Immunofluorescence

Immunofluorescent staining of human cell line U-2 OS with PFTK1 polyclonal antibody (Cat # PAB30604) shows positivity in nucleus and cytoplasm. Antibody staining is shown in green.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human PFTK1.
Immunogen	Recombinant protein corresponding to amino acids 35-158 of human PFTK1.
Sequence	DDTTFDEICVTKMSTRNCQGMDSVIKPLDTIPEDKKVRVQRTQSTFDPF EK PANQVKRVHSENNACINFKTSSTGKESPKVRRHSSPSSPTSPKFGKADSYE KLEKLGE GSYATVYKGKSKVNG

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) (1:20 - 1:50) 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 short term storage. 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)

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- Immunofluorescence

Immunofluorescent staining of human cell line U-2 OS with PFTK1 polyclonal antibody (Cat # PAB30604) shows positivity in nucleus and cytoplasm. Antibody staining is shown in green.

Gene Info — PFTK1

Entrez GeneID	5218
Protein Accession#	O94921
Gene Name	PFTK1
Gene Alias	KIAA0834, PFTAIRE1
Gene Description	PFTAIRE protein kinase 1
Omim ID	610679

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

PFTK1 is a member of the CDC2 (MIM 116940)-related protein kinase family (Yang and Chen, 2001 [PubMed 11313143]).[supplied by OMIM]

Other Designations

OTTHUMP00000068098

Disease

- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [NARP](#)
- [Tobacco Use Disorder](#)