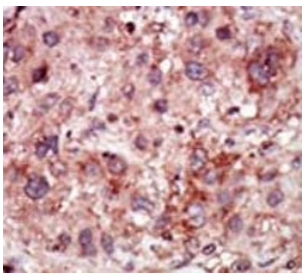
GAK Antibody (F40086)

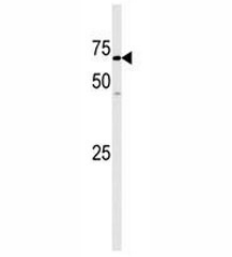
Catalog No.	Formulation	Size
F40086-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F40086-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	Q6P490
Applications	IHC (Paraffin): 1:50-1:100 Western blot: 1:100-1:1000
Limitations	This GAK antibody is available for research use only.



IHC analysis of FFPE human hepatocarcinoma stained with the GAK antibody



Western blot analysis of GAK antibody and mouse heart tissue lysate

Description

GAK, a member of the Ser/Thr protein kinase family, associates with cyclin G and CDK5. It appears to act as an auxilin homolog that is involved in the uncoating of clathrin-coated vesicles by Hsc70 in non-neuronal cells. Expression oscillates slightly during the cell cycle, peaking at G1. GAK localizes to the perinuclear area and to the trans-Golgi network. It is also observed on the plasma membrane, probably at focals adhesions. Expression is ubiquitous, wiht highest levels in testis. The protein contains 1 J domain and 1 tensin domain.

Application Notes

Titration of the GAK antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 15-45 from the human protein was used as the immunogen for this GAK antibody.

Storage

Aliquot the GAK antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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