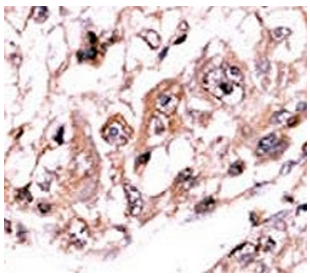
PPP3CC Antibody (F40178)

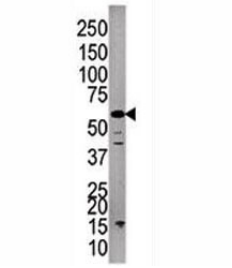
Catalog No.	Formulation	Size
F40178-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F40178-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P48454
Applications	IHC (Paraffin) : 1:50-1:100 Western Blot : 1:1000
Limitations	This PPP3CC antibody is available for research use only.



IHC analysis of FFPE human hepatocarcinoma stained with the PPP3CC antibody



Western blot analysis of PPP3CC antibody and A375 lysate

Description

Calmodulin-dependent protein phosphatase, calcineurin, is involved in a wide range of biologic activities, acting as a Ca(2+)-dependent modifier of phosphorylation status. In testis, the motility of the sperm is thought to be controlled by cAMP-dependent phosphorylation and a unique form of calcineurin appears to be associated with the flagellum. The calcineurin holoenzyme is composed of catalytic and regulatory subunits of 60 and 18 kD, respectively. At least 3 genes, calcineurin A-alpha, calcineurin A-beta, and calcineurin A-gamma, have been cloned for the catalytic subunit. These genes have been identified in humans, mice, and rats, and are highly conserved between species (90 to 95% amino acid identity).

Application Notes

Titration of the PPP3CC antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 482-512 from the human protein was used as the immunogen for this PPP3CC antibody.

Storage

Aliquot the PPP3CC antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.