

YWHAQ antibody

Product Information

Catalog No.:	FNab00001
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

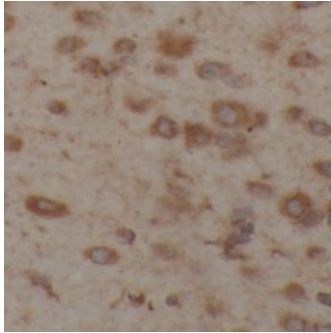
14-3-3 theta(also known as YWHAQ, or 14-3-3 tau) is a member of 14-3-3 proteins which were the first phosphoserine/phosphothreonine-binding proteins to be discovered. 14-3-3 family members interact with a wide spectrum of proteins and possess diverse functions. Mammals express seven distinct 14-3-3 isoforms(gamma, epsilon, beta, zeta, sigma, theta, tau) that form multiple homo-and hetero-dimers. 14-3-3 proteins display the highest expression levels in the brain, and have been implicated in several neurodegenerative diseases, including Alzheimer's disease and amyotrophic lateral sclerosis. This antibody was raised against full-length 14-3-3 theta.

Immunogen information

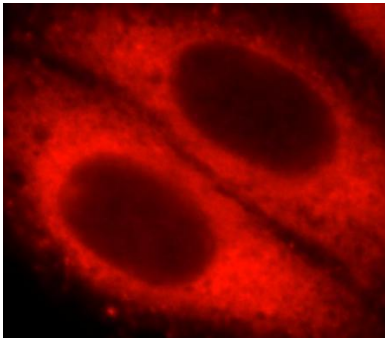
Immunogen:	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, theta polypeptide
Synonyms:	14-3-3 protein theta 14-3-3 protein T-cell 14-3-3 protein tau Protein HS1 YWHAQ
Observed MW:	28 kDa
Uniprot ID :	P27348

Application

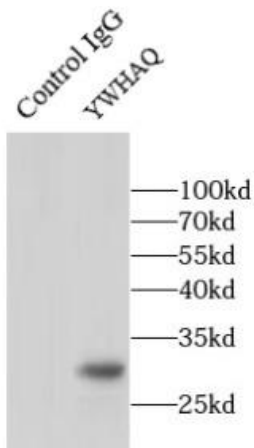
Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, IF, IP, IHC, WB
Recommended dilution:	WB: 1:500-1:2000; IP: 1:200-1:2000; IHC: 1:20-1:200; IF: 1:20-1:200
Image:	



Immunohistochemistry of paraffin-embedded mouse brain tissue slide using FNab00001(YWHAQ Antibody) at dilution of 1:50



Immunofluorescent analysis of HepG2 cells, using FNab00001(YWHAQ Antibody) at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP Result of anti YWHAQ(IP:FNab00001, 5µg; Detection:FNab00001 1:500)with mouse lung tissue lysate 4000µg.



HeLa cell were subjected to SDS PAGE followed by western blot with FNab00001(YWHAQ Antibody) at dilution of 1:1000