

YWHAQ antibody

Product Information

Catalog No.:	FNab00002
Size:	100µg
Form:	liquid
Purification:	Protein A+G purification
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	8D2
IsoType:	IgG1
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

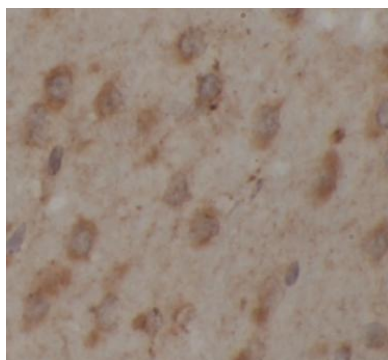
Application

Reactivity:	Human, Mouse, Rat
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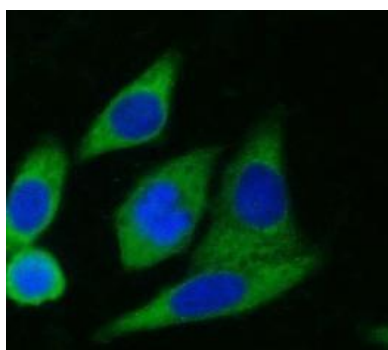
Tested Application: ELISA, WB, IHC, IF

Recommended dilution: WB: 1:1000-1:10000; IHC: 1:20-1:200; IF: 1:20-1:200

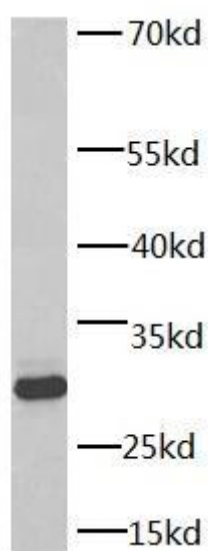
Image:



Immunohistochemistry of paraffin-embedded rat brain tissue slide using FNab00002(14-3-3 Antibody) at dilution of 1:50



Immunofluorescent analysis of HepG2 cells using FNab00002(14-3-3 Antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Mouse IgG(H+L)



human brain tissue were subjected to SDS PAGE followed by western blot with FNab00002(14-3-3 antibody) at dilution of 1:5000