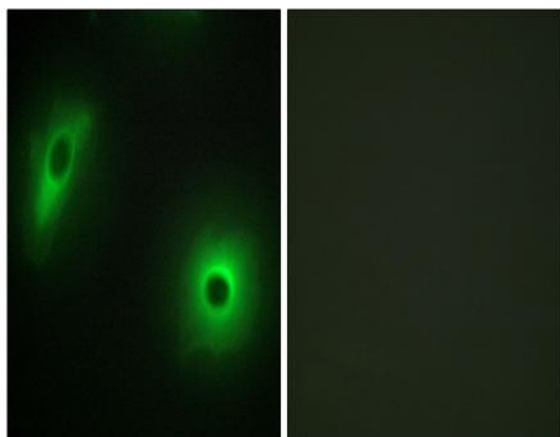


14-3-3 η Polyclonal Antibody

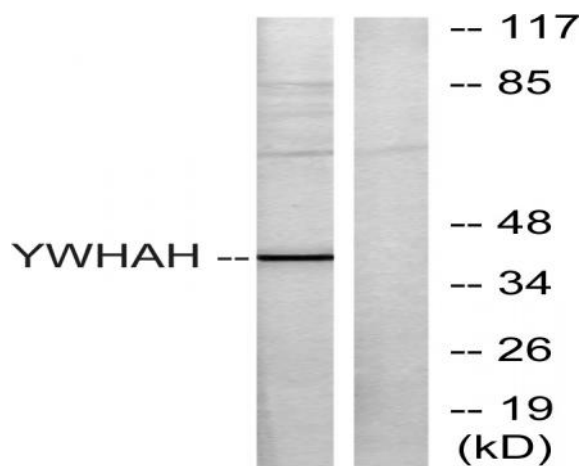
Catalog No :	YT0009
Reactivity :	Human;Mouse;Rat
Applications :	WB;IHC;IF;ELISA
Target :	14-3-3 eta
Fields :	>>Cell cycle;>>Oocyte meiosis;>>PI3K-Akt signaling pathway;>>Hippo signaling pathway;>>Hepatitis C;>>Viral carcinogenesis
Gene Name :	YWHAH
Protein Name :	14-3-3 protein eta
Human Gene Id :	7533
Human Swiss Prot No :	Q04917
Mouse Gene Id :	22629
Mouse Swiss Prot No :	P68510
Rat Gene Id :	25576
Rat Swiss Prot No :	P68511
Immunogen :	The antiserum was produced against synthesized peptide derived from human 14-3-3 eta. AA range:51-100
Specificity :	14-3-3 η Polyclonal Antibody detects endogenous levels of 14-3-3 η protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:5000. Not yet tested in other applications.

Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	42kD
Cell Pathway :	Cell_Cycle_G1S;Cell_Cycle_G2M_DNA;Oocyte meiosis;Neurotrophin;
Background :	This gene product belongs to the 14-3-3 family of proteins which mediate signal transduction by binding to phosphoserine-containing proteins. This highly conserved protein family is found in both plants and mammals, and this protein is 99% identical to the mouse, rat and bovine orthologs. This gene contains a 7 bp repeat sequence in its 5' UTR, and changes in the number of this repeat have been associated with early-onset schizophrenia and psychotic bipolar disorder. [provided by RefSeq, Jun 2009],
Function :	function:Adapter protein implicated in the regulation of a large spectrum of both general and specialized signaling pathway. Binds to a large number of partners, usually by recognition of a phosphoserine or phosphothreonine motif. Binding generally results in the modulation of the activity of the binding partner.,similarity:Belongs to the 14-3-3 family.,subunit:Homodimer (By similarity). Interacts with many nuclear hormone receptors and cofactors including AR, ESR1, ESR2, MC2R, NR3C1, NRIP1, PPARBP and THRA. Interacts with ABL1 (phosphorylated form); the interaction retains it in the cytoplasm. Interacts with RGNEF and PCK1 (By similarity). Weakly interacts with CDKN1B.,tissue specificity:Expressed mainly in the brain and present in other tissues albeit at lower levels.,
Subcellular Location :	cytoplasm,mitochondrion,cytosol,plasma membrane,intercalated disc,cytoplasmic vesicle membrane,extracellular exosome,
Expression :	Expressed mainly in the brain and present in other tissues albeit at lower levels.

Products Images



Immunofluorescence analysis of HeLa cells, using 14-3-3 eta Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from Jurkat cells, using 14-3-3 eta Antibody. The lane on the right is blocked with the synthesized peptide.