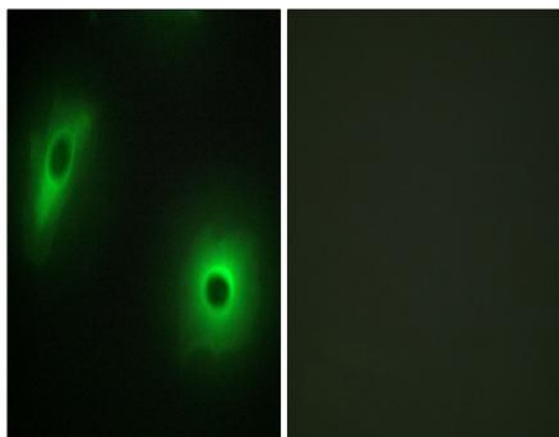


14-3-3 η Polyclonal Antibody

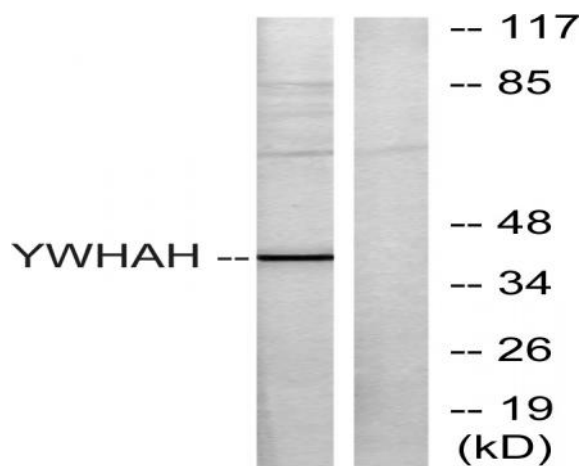
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|------------------------------|---|
| Catalog No : | YT0009 |
| Reactivity : | Human;Mouse;Rat |
| Applications : | WB;IHC;IF;ELISA |
| Target : | 14-3-3 eta |
| Fields : | >>Cell cycle;>>Oocyte meiosis;>>PI3K-Akt signaling pathway;>>Hippo signaling 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. |

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|-------------------------------|---|
| 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.