Product Data Sheet
14-3-3 η Rabbit Polyclonal Antibody

Product name:	14-3-3 η Rabbit Polyclonal Antibody
Cat number:	ABN06284
Conjugate:	Unconjugated
Size:	100μL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from human 14-3-3 eta. AA range:51-100
Reactivity:	Human,Mouse,Rat
Applications:	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:5000-1:10000
Molecular Weight:	42kDa
Purification:	Affinity purification
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
Synonyms:	YWHAH; YWHA1; 14-3-3 protein eta; Protein AS1

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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: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 PCTK1 (By similarity). Weakly interacts with CDKN1B.,tissue specificity:Expressed mainly in the brain and present in other tissues albeit at lower levels.,