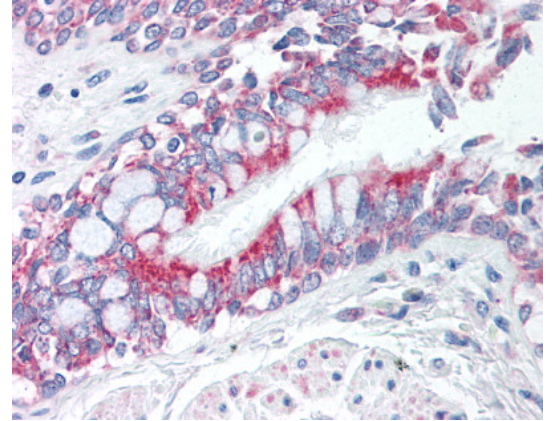


AP07437PU-N**Polyclonal Antibody to 14-3-3 protein zeta/delta pSer58 - Aff - Purified**

Alternate names:	KCIP-1, Protein kinase C inhibitor protein 1, YWHAZ
Quantity:	50 µg
Concentration:	1 mg/ml
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 sheep orthologs. The encoded protein interacts with IRS1 protein, suggesting a role in regulating insulin sensitivity. Several transcript variants that differ in the 5' UTR but that encode the same protein have been identified for this gene.
Uniprot ID:	P63104
NCBI:	NP_001129171.1
GeneID:	7534
Host / Isotype:	Rabbit / IgG
Immunogen:	Synthetic peptide from human YWHAZ / Phospholipase A2. Epitope: Ser58
Format:	State: Liquid purified Ig fraction Purification: Immunoaffinity Chromatography Buffer System: PBS containing 0.02% sodium azide as preservative and 50% glycerol as stabilizer
Applications:	Immunohistochemistry on Paraffin Sections: 10 µg/ml. Western Blot. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts to amino acids surrounding Ser 58 of YWHAZ.
Species Reactivity:	Tested: Human. Expected from sequence similarity: Mouse and Rat.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

Pictures:

Lung, respiratory epithelium: Formalin-Fixed Paraffin-Embedded (FFPE)



Western blot of extracts from HepG2, HeLa and 293 cells using 14-3-3z antibody.

