14-3-3 epsilon Polyclonal Antibody

Catalog Number:E-AB-15794

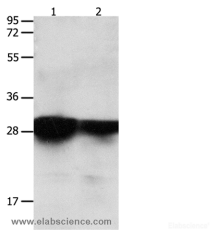
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

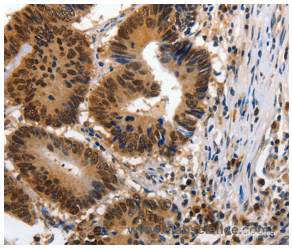
Reactivity	Human,Mouse,Rat
Immunogen	Synthetic peptide of human YWHAE
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

Applications	Recommended Dilution
WB	1:1000-1:5000
IHC	1:100-1:300

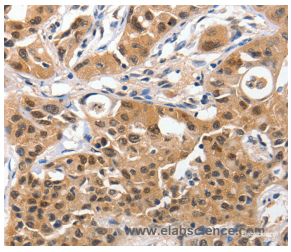
Data



Western Blot analysis of Human brain malignant glioma and laryngocarcinoma tissue using 14-3-3 epsilon Polyclonal Antibody at dilution of 1:2200
Calculated Mw:29kDa



Immunohistochemistry of paraffin-embedded Human colon cancer using 14-3-3 epsilon Polyclonal Antibody at dilution of 1:100



Immunohistochemistry of paraffin-embedded Human lung cancer using 14-3-3 epsilon Polyclonal Antibody at dilution of 1:100

Preparation & Storage

Storage	Store at -20℃. Avoid freeze / thaw cycles.

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 100% identical to the mouse ortholog. It interacts with CDC25 phosphatases, RAF1 and IRS1 proteins, suggesting its role in

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diverse biochemical activities related to signal transduction, such as cell division and regulation of insulin sensitivity. It has also been implicated in the pathogenesis of small cell lung cancer. Two transcript variants, one protein-coding and the other non-protein-coding, have been found for this gene.

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