# 14-3-3 epsilon Polyclonal Antibody

**catalog number:** E-AB-15794

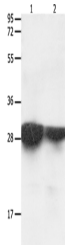
**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*

## Description

| | |
|---|---|
| **Reactivity** | Human;Mouse;Rat |
| **Immunogen** | Synthetic peptide of human YWHAE |
| **Host** | Rabbit |
| **Isotype** | IgG |
| **Purification** | Affinity purification |
| **Conjugation** | Unconjugated |
| **buffer** | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol. |

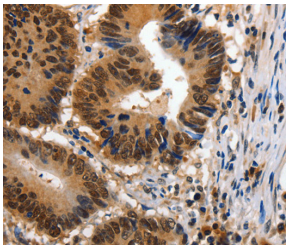
| Applications | Recommended Dilution |
|---|---|
| **WB** | 1:1000-1:5000 |
| **IHC** | 1:100-1:300 |

## Data

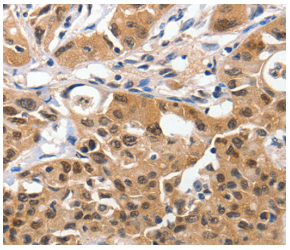


Western Blot analysis of Human brain malignant glioma and laryngocarcinoma tissue using 14-3-3 epsilon Polyclonal Antibody at dilution of 1:2200

**Calculated-MV:29 kDa**



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°C Valid for 12 months. Avoid freeze / thaw cycles. |
| **Shipping** | The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended. |

## Background

**For Research Use Only**

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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 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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