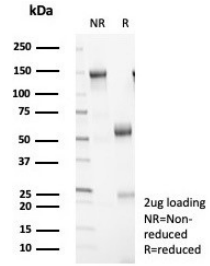
# 14-3-3 epsilon Antibody / YWHAE [clone YWHAE/8309R] (V4463)

| Catalog No. | Formulation | Size |
|---|---|---|
| V4463-100UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 100 ug |
| V4463-20UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 20 ug |
| V4463SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free | 100 ug |

Recombinant RABBIT MONOCLONAL

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Purified |
| **Host** | Rabbit |
| **Clonality** | Recombinant Rabbit Monoclonal |
| **Isotype** | Rabbit IgG, kappa |
| **Clone Name** | YWHAE/8309R |
| **Purity** | Protein A/G affinity |
| **UniProt** | P62268 |
| **Localization** | Cytoplasm, Melanosome |
| **Applications** | Immunohistochemistry (FFPE) : 1-2ug/ml for 30 minutes at RT |
| **Limitations** | This 14-3-3 epsilon antibody is available for research use only. |




SDS-PAGE analysis of purified, BSA-free 14-3-3 epsilon antibody (clone YWHAE/8309R) as confirmation of integrity and purity.

## Description

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. 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. The YWHAE gene which encodes 14-3-3E has also been identified as a possible susceptibility gene for schizophrenia.

## Application Notes

Optimal dilution of the 14-3-3 epsilon antibody should be determined by the researcher.

## Immunogen

Recombinant human full-length protein was used as the immunogen for the 14-3-3 epsilon antibody.

## Storage

Aliquot the 14-3-3 epsilon antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.


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