# Recombinant eEF1A2 Monoclonal Antibody

**catalog number:** **AN301979L**

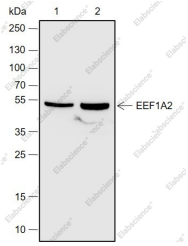
**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*

## Description

| | |
|---|---|
| **Reactivity** | Human;Mouse;Rat |
| **Immunogen** | Recombinant fragment |
| **Host** | Rabbit |
| **Isotype** | Rabbit IgG |
| **Clone** | C121600 |
| **Purification** | Protein A affinity purification |
| **Conjugation** | Unconjugated |
| **Buffer** | PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant. |

| Applications | Recommended Dilution |
|---|---|
| **WB** | 1:500-1:1000 |
| **IHC** | 1:100-1:200 |

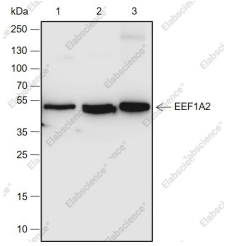
## Data




Western Blot with eEF1A2 Monoclonal Antibody at dilution of 1:1000. Lane 1: 293T, Lane 2: Raji

**Observed-MW:50 kDa**

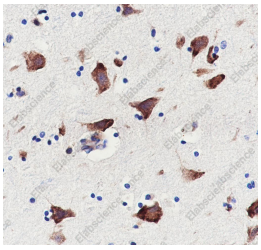
**Calculated-MW:50 kDa**



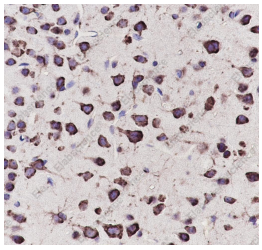

Western Blot with eEF1A2 Monoclonal Antibody at dilution of 1:1000. Lane 1: A431, Lane 2: Mouse brain, Lane 3: Rat brain

**Observed-MW:50 kDa**

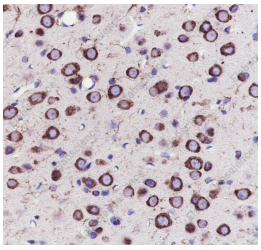
**Calculated-MW:50 kDa**



Immunohistochemistry of paraffin-embedded Human brain using eEF1A2 Monoclonal Antibody at dilution of 1:200.



Immunohistochemistry of paraffin-embedded Mouse brain using eEF1A2 Monoclonal Antibody at dilution of 1:200.




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Immunohistochemistry of paraffin-embedded Rat brain using eEF1A2 Monoclonal Antibody at dilution of 1:200.

## Preparation & Storage

| | |
|---|---|
| **Storage** | Store at -20°C Valid for 12 months. Avoid freeze/thaw cycles. |
| **Shipping** | Ice bag |

## Background

This gene encodes an isoform of the alpha subunit of the elongation factor-1 complex, which is responsible for the enzymatic delivery of aminoacyl tRNAs to the ribosome. This isoform (alpha 2) is expressed in brain, heart and skeletal muscle, and the other isoform (alpha 1) is expressed in brain, placenta, lung, liver, kidney, and pancreas. This gene may be critical in the development of ovarian cancer.


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