

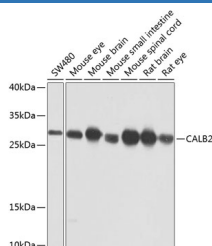
## CALB2 Polyclonal Antibody

catalog number: E-AB-62649

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

Description	
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant fusion protein of human CALB2 (NP_001731.2).
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.
Applications	Recommended Dilution
WB	1:1000-1:4000
IHC	1:50-1:100
IF	1:50-1:200

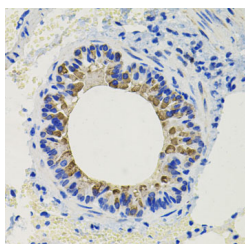
## Data



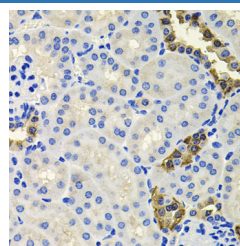
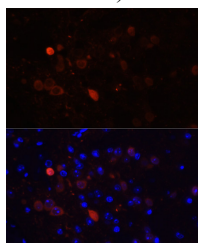
Western blot analysis of extracts of various cell lines using CALB2 Polyclonal Antibody at dilution of 1:1000.

**Observed-MW:29 kDa**

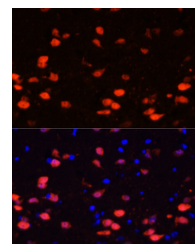
**Calculated-MW:31 kDa**



Immunohistochemistry of paraffin-embedded Mouse lung using CALB2 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Mouse kidney using CALB2 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunofluorescence analysis of Rat brain using CALB2 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

## For Research Use Only

Immunofluorescence analysis of Mouse brain using CALB2  
Polyclonal Antibody at dilution of 1:100. Blue: DAPI for  
nuclear staining.

## Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

## Background

This gene encodes an intracellular calcium-binding protein belonging to the troponin C superfamily. Members of this protein family have six EF-hand domains which bind calcium. This protein plays a role in diverse cellular functions, including message targeting and intracellular calcium buffering. It also functions as a modulator of neuronal excitability, and is a diagnostic marker for some human diseases, including Hirschsprung disease and some cancers. Alternative splicing results in multiple transcript variants.

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