

CALB2 Rabbit Polyclonal Antibody

Catalog No: #55611

Package Size: #55611-1 50ul #55611-2 100ul

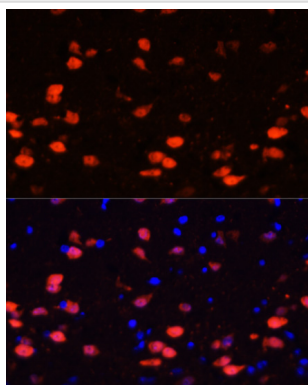
Description

Product Name	CALB2 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human CALB2 (NP_001731.2).
Conjugates	Unconjugated
Other Names	CALB2;CAB29;CAL2;CR
Accession No.	Swiss Prot:P22676GenelD:794
Calculated MW	31kDa
SDS-PAGE MW	29kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

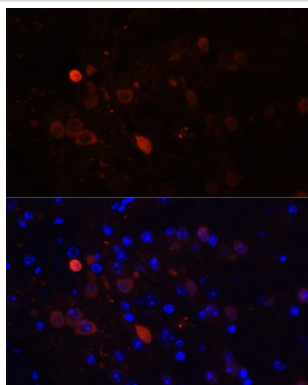
Application Details

WB 1:1000 - 1:4000IHC 1:50 - 1:100IF 1:50 - 1:200

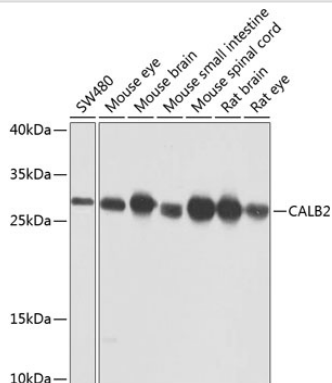
Images



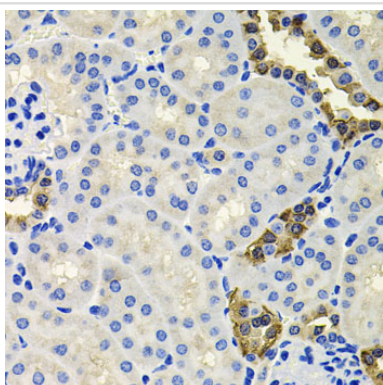
Immunofluorescence analysis of rat brain using CALB2 at dilution of 1:100. Blue: DAPI for nuclear staining.



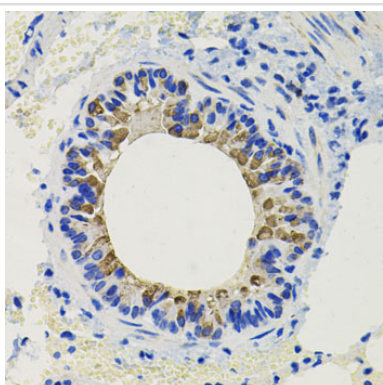
Immunofluorescence analysis of mouse brain using CALB2 at dilution of 1:100. Blue: DAPI for nuclear staining.



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



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



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

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.