Leader in Biomolecular Solutions for Life Science

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Calumenin Rabbit mAb

Catalog No.: A9416

Recombinant

Basic Information

Observed MW
47kDa

Calculated MW
37kDa

Category
Monoclonal Antibodies

Applications
WB, IHC-P, ELISA

Cross Reactivity
Human, Mouse, Rat

Clone No.
ARC2715

Background

The product of this gene is a calcium-binding protein localized in the endoplasmic reticulum (ER) and it is involved in such ER functions as protein folding and sorting. This protein belongs to a family of multiple EF-hand proteins (CERC) that include reticulocalbin, ERC-55, and Cab45 and the product of this gene. Alternatively spliced transcript variants encoding different isoforms have been identified.

Recommended Dilutions

WB	1:500 - 1:1000
IHC-P	1:20 - 1:100

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
813

Swiss-Prot
O43852

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
CALU; calumenin; Calumenin

Contact

400-999-6126
cn.market@abclonal.com.cn
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Product Information

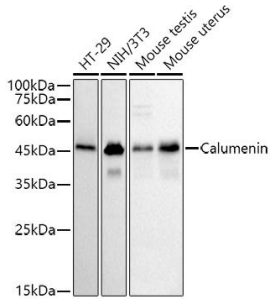
Source
Rabbit

Isotype
IgG

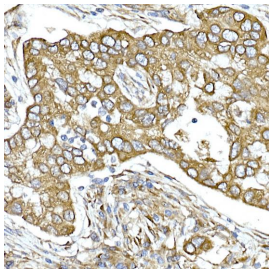
Purity
Affinity purification

Storage
Store at -20℃
Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

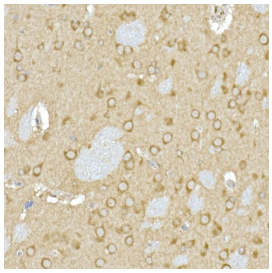
Validation Data



Western blot analysis of various lysates using Calumenin Rabbit mAb (A9416) at 1: 500 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1: 10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30 s.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Calumenin Rabbit mAb (A9416) at dilution of 1:20 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat brain using Calumenin Rabbit mAb (A9416) at dilution of 1:20 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.

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