

Anti-Calpain 1 [R08-2K8] Monoclonal Antibody

AGMB02613

Description

This Anti-Calpain 1 [R08-2K8] Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

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|-----------------------|---|
| SKU: | AGMB02613 |
| Contents: | 20µl, 50µl, 100µl Bradford Reagent: 1 vial (2ml) |
| Synonyms: | Calpain-1 catalytic subunit, CANP, CANP small subunit, CANPL1, CAPN1, Micromolar Calpain, Mu Calpain, muCANP, Ca2 activated neutral protease, Calcium activated neutral proteinase, Calcium activated neutral proteinase small subunit, |
| Applications: | WB IHC-P ICC/IF FC |
| Research Area: | Signal Transduction |
| Form: | Liquid |

Antibody Data

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|----------------------|--|
| Reactivity: | Human, Mouse, Rat |
| Clone: | R08-2K8 |
| Clonality: | Monoclonal Antibody |
| SwissProt ID: | P07384 |
| Immunogen: | A synthesized peptide derived from human Calpain 1 |

Manufacturers Statement

This final kit system is assembled and quality-released by Assay Genie Limited.

Gene ID: 823

Gene Name: CAPN1

Host Species: Rabbit

Isotype: IgG

Purification: Affinity Chromatography

Conjugated: Unconjugated

Modification: Unmodified

Molecular Weight: Calculated MW: 82 kDa, Observed MW: 75,80 kDa

Preparation & Storage

Storage: Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Store Bradford Reagent at Room Temperature for 1 Year.

Storage Buffer: Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.

| Antibody Dilution Ratio: | Application | Antibody Dilution Ratio |
|---------------------------------|--------------------|--------------------------------|
| | WB | 1:1000-1:2000 |
| | IHC | 1:100-1:200 |
| | IF | 1:50-1:200 |
| | FC | 1:50-1:100 |

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol.