

Product Datasheet

Calpain 2/CAPN2 Antibody (orb402529)

Description

Calpain 2/CAPN2 Antibody

Species/Host

Rabbit

Reactivity

Human, Mouse, Rat

Conjugation

Unconjugated

Tested

FC, ICC, IF, IHC, WB

Applications

Immunogen

E. coli-derived human Calpain 2 recombinant protein (Position: R500-L700). Human Calpain 2 shares 93.5% and 92.5% amino acid (aa) sequence identity with mouse and rat Calpain 2, respectively.

Form/Appearance

Lyophilized

Concentration

Adding 0.2 ml of distilled water will yield a concentration of 500 µg/ml.

Storage

Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.

Note

For research use only

Application notes

Tested Species: In-house tested species with positive results. By Heat: Boiling the paraffin sections in 10mM citrate buffer, pH6.0, for 20mins is required for the staining of formalin/paraffin sections. Other applications have not been tested. Optimal dilutions should be determined by end users. . Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Isotype

Rabbit IgG

Clonality

Polyclonal

MW

79995 MW

Uniprot ID

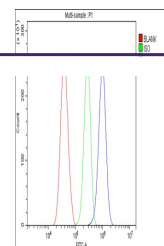
P17655

Dilution Range

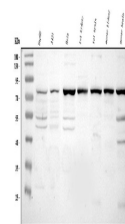
Immunohistochemistry (Paraffin-embedded Section), 0.5-1µg/ml, Human, Rat, By Heat Western blot, 0.1-0.5µg/ml, Human, Mouse, Rat, Immunocytochemistry/Immunofluorescence, 2µg/ml, Human Flow Cytometry, 1-3µg/1x10⁶ cells, Human

Expiration Date

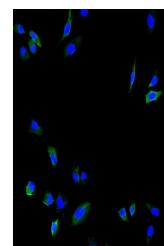
12 months from date of receipt.



Flow Cytometry analysis of U87 cells using anti-Calpain 2 antibody



WB analysis of Calpain 2 using anti-Calpain 2 antibody



IF analysis of Calpain 2 using anti-Calpain 2 antibody