
Calpain-1 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251470

Unit: 0.1 mg

Description:

Calpain-1 catalytic subunit (Calpain-1) is a calcium-regulated non-lysosomal thiol-protease which catalyzes limited proteolysis of substrates involved in cytoskeletal remodeling and signal transduction. Calpain-1 is activated by micromolar concentrations of calcium and inhibited by calpastatin.

Isotype: Rabbit Ig

Applications: E, IHC, IP, WB

Species Reactivity: B, Ck, H, M, P, R, Sh

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Calpain-1; Calpain-1 catalytic subunit; Calpain-1 large subunit; Calcium-activated neutral proteinase 1; CANP 1; Calpain mu-type; muCANP; Micromolar-calpain; Cell proliferation-inducing gene 30 protein; CAPN1; CANPL1

Accession No.: P07384

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human calpain-1.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500; IP: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

Product Citations: Li Y et al. 2012. Biomedical and Life Sciences. Tumor Biology. 33(5):1403-1410. PMID# 22528939.

For research use only, not for diagnostic or therapeutic procedures.