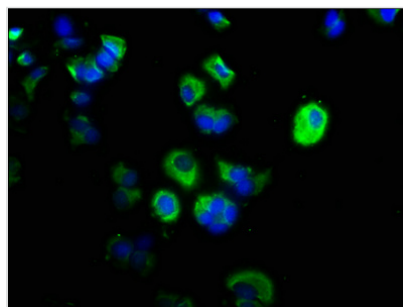




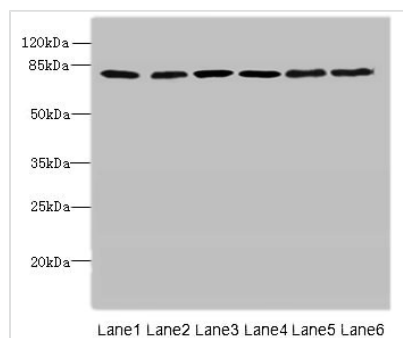
CAPN1 Antibody

Product Code	CSB-PA004490LA01HU
Abbreviation	Calpain-1 catalytic subunit
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P07384
Immunogen	Recombinant Human Calpain-1 catalytic subunit protein (1-714AA)
Raised In	Rabbit
Species Reactivity	Human
Tested Applications	ELISA, WB, IHC, IF; Recommended dilution: WB:1:500-1:2000, IHC:1:20-1:200, IF:1:50-1:200
Relevance	Calcium-regulated non-lysosomal thiol-protease which catalyze limited proteolysis of substrates involved in cytoskeletal remodeling and signal transduction.
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	>95%, Protein G purified
Isotype	IgG
Clonality	Polyclonal
Alias	Calpain-1 catalytic subunit (EC 3.4.22.52) (Calcium-activated neutral proteinase 1) (CANP 1) (Calpain mu-type) (Calpain-1 large subunit) (Cell proliferation-inducing gene 30 protein) (Micromolar-calpain) (muCANP), CAPN1, CANPL1
Species	Human
Research Area	Signal Transduction
Target Names	CAPN1

Image



Immunofluorescence staining of MCF-7 cells with CSB-PA004490LA01HU at 1:200, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Western blot

All lanes: CAPN1 antibody at 6μg/ml

Lane 1: A375 whole cell lysate

Lane 2: 293T whole cell lysate

Lane 3: PC-3 whole cell lysate

Lane 4: Jurkat whole cell lysate

Lane 5: Hela whole cell lysate

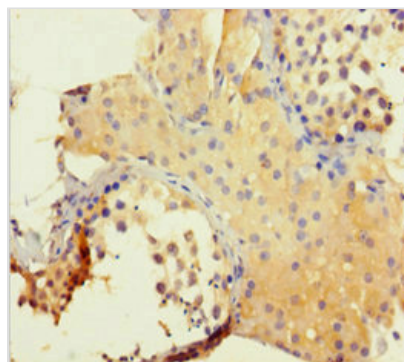
Lane 6: A2780 whole cell lysate

Secondary

Goat polyclonal to rabbit IgG at 1/10000 dilution

Predicted band size: 82 kDa

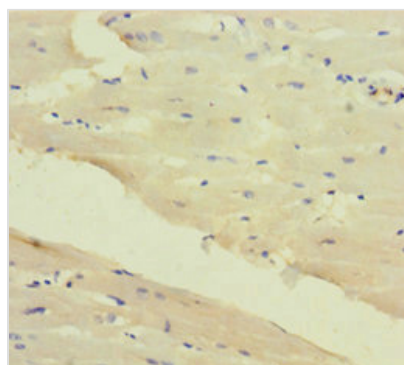
Observed band size: 82 kDa



Immunohistochemistry of paraffin-embedded

human testis tissue using CSB-

PA004490LA01HU at dilution of 1:100



Immunohistochemistry of paraffin-embedded

human heart tissue using CSB-

PA004490LA01HU at dilution of 1:100