

Calpain 1 Polyclonal Antibody

Catalog number: 10538-1-AP

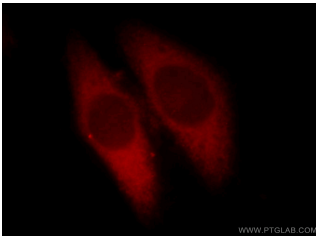
Size: 52 µg/150 µl

Source: Rabbit

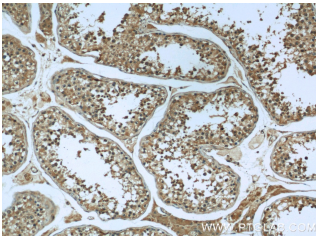
Isotype: IgG

Synonyms:

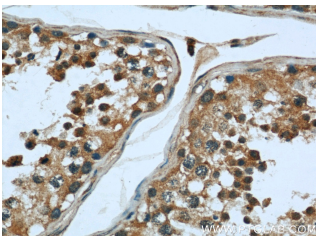
CAPN1; Calpain 1, Calpain 1 catalytic subunit, Calpain 1 large subunit, Calpain mu type, CANP, CANP 1, CANP1, CANPL1, CAPN1, Micromolar calpain, muCANP, muCL



Immunofluorescent analysis of HeLa cells, using CAPN1 antibody 10538-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



Immunohistochemical of paraffin-embedded human testis using 10538-1-AP (CAPN1 antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemical of paraffin-embedded human testis using 10538-1-AP (CAPN1 antibody) at dilution of 1:50 (under 40x lens)

Applications

Tested applications:	ELISA, IHC, IF, WB, FC, IP
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated Calpain 1 MW:	704aa, 82 kDa
Observed Calpain 1 MW:	75 kDa
Positive WB detected in	A431 cells, A2780 cells, HeLa cells, Jurkat cells, K-562 cells, mouse testis tissue, PC-3 cells
Positive IP detected in	HeLa cells
Positive IHC detected in	Human testis tissue, human heart tissue
Positive IF detected in	HeLa cells
Positive FC detected in	HeLa cells
Recommended dilution:	WB: 1:500-1:5000 IP: 1:500-1:5000 IHC: 1:20-1:200 IF: 1:10-1:100 FC: N/A

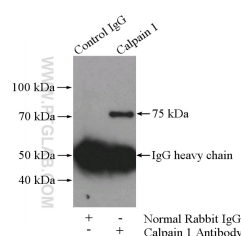
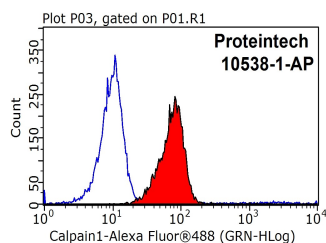
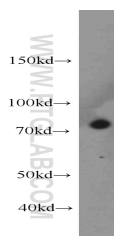
Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag0810
GenBank accession number:	BC008751
Gene ID (NCBI):	823
Full name:	Calpain 1, (mu/I) large subunit

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.



A431 cells were subjected to SDS PAGE followed by western blot with 10538-1-AP(CAPN1 antibody) at dilution of 1:1000

1X10⁶ HeLa cells were stained with 0.2ug CAPN1 antibody (10538-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.

IP Result of anti-CAPN1 (IP:10538-1-AP, 4ug; Detection:10538-1-AP 1:1000) with HeLa cells lysate 1200ug.