Product Datasheet

CAPN7 Rabbit Polyclonal Antibody

Catalog No: #54450

Package Size: #54450-1 50ul #54450-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

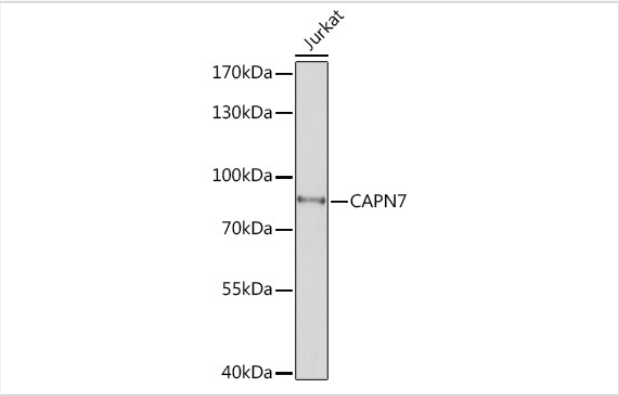
Description

Product Name	CAPN7 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human CAPN7 (NP_055111.1).
Other Names	CALPAIN7;PALBH;CAPN7;calpain-7
Accession No.	Swiss Prot:Q9Y6W3Gene ID:23473
Uniprot	Q9Y6W3
GeneID	23473
Calculated MW	92kDa
SDS-PAGE MW	93kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

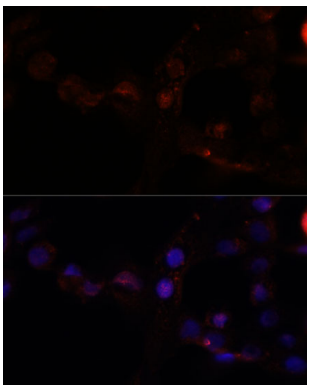
Application Details

WB□1:500 - 1:2000IF□1:50 - 1:200

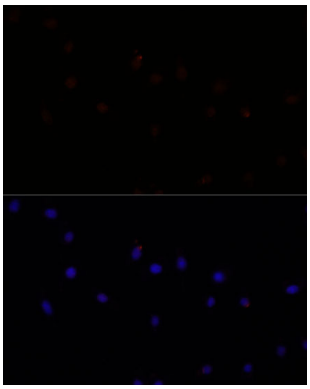
Images



Western blot analysis of extracts of Jurkat cells, using CAPN7 Rabbit pAb.



Immunofluorescence analysis of A431 cells using CAPN7 antibody.



Immunofluorescence analysis of L929 cells using CAPN7 antibody.

Background

Calpains are ubiquitous, well-conserved family of calcium-dependent, cysteine proteases. The calpain proteins are heterodimers consisting of an invariant small subunit and variable large subunits. The large subunit possesses a cysteine protease domain, and both subunits possess calcium-binding domains. Calpains have been implicated in neurodegenerative processes, as their activation can be triggered by calcium influx and oxidative stress. The function of the protein encoded by this gene is not known. An orthologue has been found in mouse but it seems to diverge from other family members. The mouse orthologue is thought to be calcium independent with protease activity. [provided by RefSeq, Jul 2008]

Note: This product is for in vitro research use only