

CAPN5 Rabbit Polyclonal Antibody

Catalog No: #55211



Package Size: #55211-1 50ul #55211-2 100ul

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

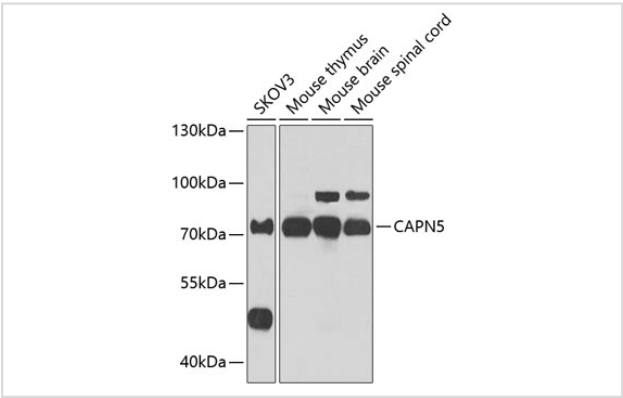
Description

Product Name	CAPN5 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 CAPN5 (NP_004046.2).
Other Names	CAPN5;ADNIV;HTRA3;VRNI;nCL-3;calpain-5
Accession No.	Swiss Prot:O15484GeneID:726
Uniprot	O15484
Calculated MW	73kDa
SDS-PAGE MW	73kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

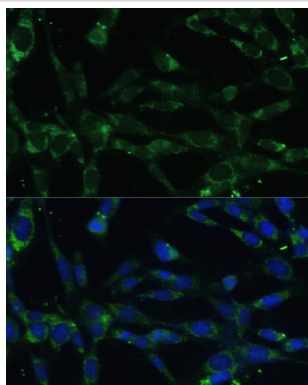
Application Details

WB 1:500 - 1:2000IF 1:50 - 1:200

Images



Western blot analysis of extracts of various cell lines, using CAPN5 at 1:1000 dilution.



Immunofluorescence analysis of NIH-3T3 cells using CAPN5 at dilution of 1:100. Blue: DAPI for nuclear staining.

Background

Calpains are calcium-dependent cysteine proteases involved in signal transduction in a variety of cellular processes. A functional calpain protein consists of an invariant small subunit and 1 of a family of large subunits. CAPN5 is one of the large subunits. Unlike some of the calpains, CAPN5 and CAPN6 lack a calmodulin-like domain IV. Because of the significant similarity to *Caenorhabditis elegans* sex determination gene *tra-3*, CAPN5 is also called as HTRA3.

Note: This product is for in vitro research use only