

# CAPN5 Polyclonal Antibody

Catalog Number:E-AB-61695



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

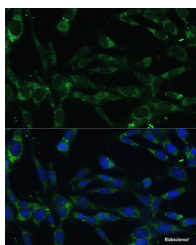
## Description

<b>Reactivity</b>	Human,Mouse,Rat
<b>Immunogen</b>	Recombinant fusion protein of human CAPN5 (NP_004046.2).
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Applications Recommended Dilution

<b>IF</b>	1:50-1:200
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## Data



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

## Preparation & Storage

<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.
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## 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.

## For Research Use Only

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