

Calpain 5 antibody

Catalog No: #22798

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

Description

Product Name	Calpain 5 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IHC IF
Species Reactivity	Hu
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide contain a sequence corresponding to a region within amino acids 1 and 15 of Calpain 5
Target Name	Calpain 5
Other Names	HTRA3; nCL-3; FLJ46245
Accession No.	Swiss-Prot:O15484Gene ID:726
Uniprot	O15484
GeneID	726;
Concentration	1mg/ml
Formulation	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

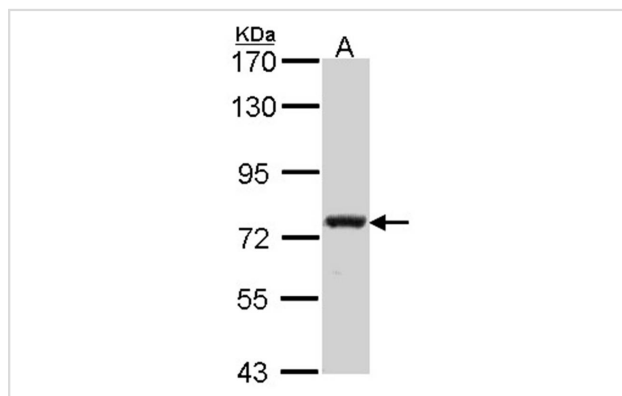
Predicted MW: 73kd

Western blotting: 1:500-1:3000

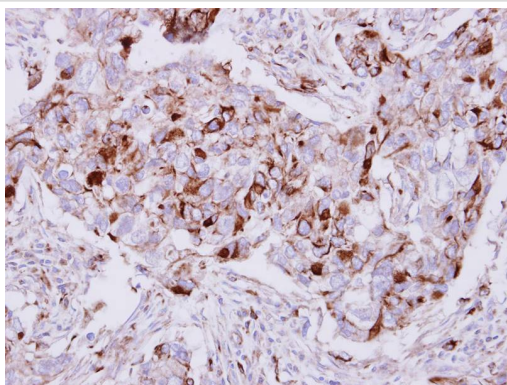
Immunohistochemistry: 1:50-1:500

Immunofluorescence: 1:100-1:200

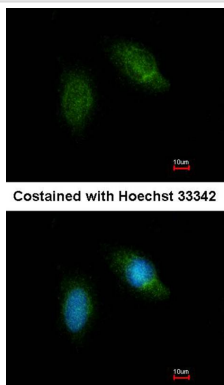
Images



Sample (30 ug of whole cell lysate)
A: A431
7.5% SDS PAGE
Calpain 5 antibody diluted at 1: 500



Immunohistochemical analysis of paraffin-embedded Breast ca, using Calpain 5 antibody at 1: 500 dilution.



Immunofluorescence analysis of methanol-fixed HeLa, using Calpain 5 antibody at 1: 200 dilution.

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. [provided by RefSeq]

Note: This product is for in vitro research use only