

Rabbit anti-Human Calpain 5 Polyclonal Antibody | anti-CAPN5 antibody

Calpain 5 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA307436	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

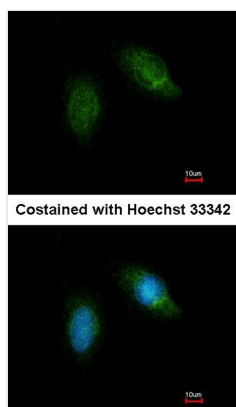
PRODUCT SYNONYMS

Calpain 5; Polyclonal Antibody; Calpain 5 antibody; HTRA3; nCL-3; FLJ46245; anti-CAPN5 antibody

PRODUCT SPECIFICATIONS

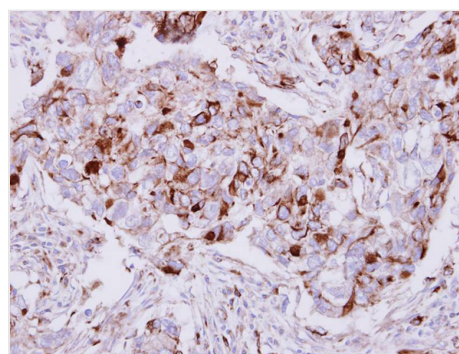
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Purified by antigen-affinity chromatography.
Form/Format	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Sequence Length	640
Applicable Applications for anti-CAPN5 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
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
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



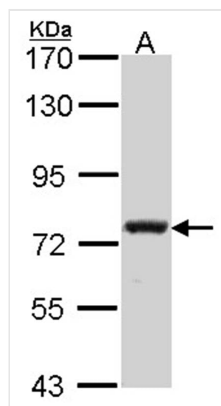
IF (Immunofluorescence)

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



IHC (Immunohistochemistry)

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



Application Data

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

ADDITIONAL INFORMATION

Related Product Information for anti-CAPN5 antibody	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 <i>Caenorhabditis elegans</i> sex determination gene <i>tra-3</i> , CAPN5 is also called as HTRA3. [provided by RefSeq]
Product Categories/Family for anti-CAPN5 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	37577157
NCBI GeneID	726
NCBI Accession #	NP_004046
NCBI GenBank Nucleotide #	NM_004055.4
Molecular Weight	73,169 Da
NCBI Official Full Name	calpain-5
NCBI Official Synonym Full Names	calpain 5
NCBI Official Symbol	CAPN5
NCBI Official Synonym Symbols	VRNI; ADNIV; HTRA3; nCL-3
NCBI Protein Information	calpain-5
UniProt Protein Name	Calpain-5
UniProt Gene Name	CAPN5
UniProt Synonym Gene Names	NCL3; nCL-3
UniProt Entry Name	CAN5_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/calpain-5-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/307436>