

**CAPN5 Antibody (N-Term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP21389a****Specification**

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**CAPN5 Antibody (N-Term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">O15484</a>
Reactivity	Mouse, Rat
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	73169

**CAPN5 Antibody (N-Term) - Additional Information****Gene ID** 726**Other Names**

Calpain-5, 3422-, Calpain htra-3, New calpain 3, nCL-3, CAPN5, NCL3

**Target/Specificity**

This CAPN5 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 297-331 amino acids from the human region of human CAPN5.

**Dilution**

WB~~1:2000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

CAPN5 Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

**CAPN5 Antibody (N-Term) - Protein Information****Name** CAPN5**Synonyms** NCL3**Function** Calcium-regulated non-lysosomal thiol-protease.

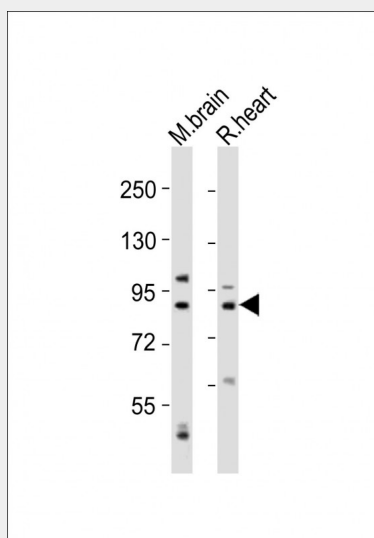
**Tissue Location**

Expressed in many tissues. Strong expression in the photoreceptor cells of the retina, with a punctate pattern of labeling over the nuclei and inner segments with less expression along the other segments and outer plexiform layer.

**CAPN5 Antibody (N-Term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**CAPN5 Antibody (N-Term) - Images**

All lanes : Anti-CAPN5 Antibody (N-Term) at 1:2000 dilution Lane 1: mouse brain lysates Lane 2: rat heart lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 73 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

**CAPN5 Antibody (N-Term) - References**

Mugita N.,et al.Biochem. Biophys. Res. Commun. 239:845-850(1997).  
Dear T.N.,et al.Genomics 45:175-184(1997).  
Mahajan V.B.,et al.PLoS Genet. 8:E1003001-E1003001(2012).