CAPN5 Antibody (N-Term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21389a

Product Information

Application	WB, E
Primary Accession	O15484
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB52879
Calculated MW	73169

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 E~~Use at an assay dependent concentration.
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.

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.
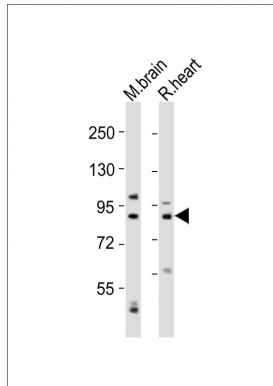
References

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).

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.