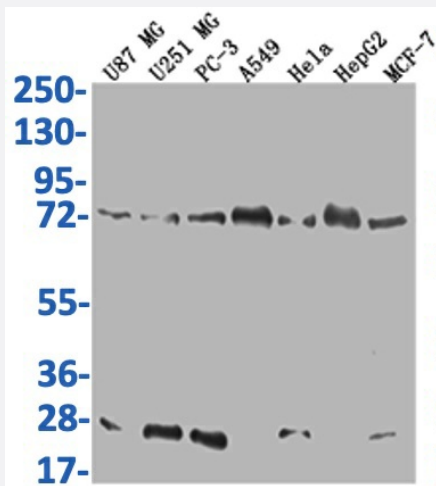


RecomAb™

CAPN2 recombinant monoclonal antibody, clone 17E9

Catalog # RAB07620 Size 100 uL

Applications



Western Blot

Western Blot analysis of Lane 1: U87 whole cell lysate; Lane 2: U251 whole cell lysate; Lane3: PC3 whole cell lysate; Lane 4: A549 whole cell lysate; Lane 5: Hela whole cell lysate; Lane 6: HepG2 whole cell lysate; Lane 7: MCF-7 whole cell lysate.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human CAPN2.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human CAPN2.
Reactivity	Human
Form	Liquid
Purification	Affinity chromatography purification
Isotype	IgG
Recommend Usage	ELISA Western Blot(1:500-1:2000) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 0.02% sodium azide and 50% glycerol)
Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — CAPN2

Entrez GeneID	824
Protein Accession#	P17655
Gene Name	CAPN2
Gene Alias	CANP2, CANPL2, CANPml, FLJ39928, mCANP
Gene Description	calpain 2, (m//l) large subunit
Omim ID	114230
Gene Ontology	Hyperlink
Gene Summary	The calpains, calcium-activated neutral proteases, are nonlysosomal, intracellular cysteine proteases. The mammalian calpains include ubiquitous, stomach-specific, and muscle-specific proteins. The ubiquitous enzymes consist of heterodimers with distinct large, catalytic subunits associated with a common small, regulatory subunit. This gene encodes the large subunit of the ubiquitous enzyme, calpain 2. Multiple heterogeneous transcriptional start sites in the 5' UTR have been reported. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	M-calpain OTTHUMP00000035497 calcium-activated neutral proteinase calpain 2, large [catalytic] subunit calpain 2, large subunit calpain M-type calpain, large polypeptide L2 millimolar-calpain

Pathway

- [Apoptosis](#)
- [Focal adhesion](#)

Disease

- [Adenocarcinoma](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Parkinson disease](#)
- [Tobacco Use Disorder](#)