



Mouse anti-Human CAPN11 monoclonal antibody, clone 3H3 (CABT-B9896)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	CAPN11 (NP_008989, 557 a.a. ~ 652 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	3H3
Conjugate	Unconjugated
Applications	sELISA, ELISA
Sequence Similarities	LLNRMAIKFKSFKTKGFLDACRCMINLMDKDGSGKLGLEFKILWKKLKKWMDIFRECD QDHSGTLNSYEMRLVIEKAGIKLNNKVMQVLVARY*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	Calpains constitute a family of intracellular calcium-dependent cysteine proteases. There are eight members in this superfamily. They consist of a variable 80 kDa subunit and an invariant
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30 kDa subunit. This calpain protein appears to have protease activity and calcium-binding ability. A similar mouse protein may play a functional role in spermatogenesis and in the regulation of calcium-dependent signal transduction events during meiosis. [provided by RefSeq, Dec 2008]

Keywords	CAPN11; calpain 11; calpain11; calpain-11; CANP 11; calcium-activated neutral proteinase 11;
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GENE INFORMATION

Entrez Gene ID	11131
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UniProt ID	Q9UMQ6
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Pathway	Integrin-mediated cell adhesion, organism-specific biosystem
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Function	calcium ion binding; calcium-dependent cysteine-type endopeptidase activity; peptidase activity
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