

CAPN10 Rabbit pAb

Catalog No.: A14108

Basic Information

Observed MW

Refer to figures

Calculated MW

75kDa

Category

Primary antibody

Applications

ELISA,WB

Cross-Reactivity

Mouse

Background

Calpains represent a ubiquitous, well-conserved family of calcium-dependent cysteine proteases. The calpain proteins are heterodimers consisting of an invariant small subunit and variable large subunits. The large catalytic subunit has four domains: domain I, the N-terminal regulatory domain that is processed upon calpain activation; domain II, the protease domain; domain III, a linker domain of unknown function; and domain IV, the calmodulin-like calcium-binding domain. This gene encodes a large subunit. It is an atypical calpain in that it lacks the calmodulin-like calcium-binding domain and instead has a divergent C-terminal domain. It is similar in organization to calpains 5 and 6. This gene is associated with type 2 or non-insulin-dependent diabetes mellitus (NIDDM), and is located within the NIDDM1 region. Multiple alternative transcript variants have been described for this gene.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

11132

Swiss Prot

Q9HC96

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-230 of human CAPN10 (NP_075571.1).

Synonyms

CANP10; NIDDM1; CAPN10

Contact

 | www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.