

Calpain 11 rabbit pAb

Cat No.:ES1831

For research use only

Overview

Product Name	Calpain 11 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/5000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human CAPN11. AA range:401-450
Specificity	Calpain 11 Polyclonal Antibody detects endogenous levels of Calpain 11 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Calpain-11
Gene Name	CAPN11
Cellular localization	Cytoplasmic vesicle, secretory vesicle, acrosome .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	81kD
Human Gene ID	11131
Human Swiss-Prot Number	Q9UMQ6
Alternative Names	CAPN11; Calpain-11; Calcium-activated neutral proteinase 11; CANP 11
Background	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 30 kDa subunit. This calpain protein appears to have protease activity and calcium-binding ability. A





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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],



Western Blot analysis of various cells using Calpain 11 Polyclonal Antibody



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