



Anti-CAPN11 monoclonal antibody (DCABH-10828)

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

PRODUCT INFORMATION

Antigen Description	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 similar mouse protein may play a functional role in spermatogenesis and in the regulation of calcium-dependent signal transduction events during meiosis.
Immunogen	A synthetic peptide of human CAPN11 is used for rabbit immunization.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A
Conjugate	Unconjugated
Applications	Western Blot (Transfected lysate); ELISA
Buffer	In 1x PBS, pH 7.4
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name [CAPN11 calpain 11 \[Homo sapiens \]](#)

Official Symbol	CAPN11
Synonyms	CAPN11; calpain 11; calpain-11; CANP 11; calcium-activated neutral proteinase 11; calpain11;
Entrez Gene ID	11131
Protein Refseq	NP_008989
UniProt ID	Q9UMQ6
Chromosome Location	6p12
Pathway	Integrin-mediated cell adhesion, organism-specific biosystem.
Function	calcium ion binding; calcium-dependent cysteine-type endopeptidase activity; peptidase activity;