



CAPN14 peptide (DAG-P0260)

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

PRODUCT INFORMATION

Antigen Description	Calpains are a family of cytosolic calcium-activated cysteine proteases involved in a variety of cellular processes including apoptosis, cell division, modulation of integrin-cytoskeletal interactions, and synaptic plasticity (Dear et al., 2000 [PubMed 10964513]). CAPN14 belongs to the calpain large subunit family.[supplied by OMIM, Mar 2008]
Specificity	Not expressed in tissues tested.
Purity	> 95 % by SDS-PAGE.
Conjugate	Unconjugated
Applications	ELISA, WB
Sequence Similarities	Belongs to the peptidase C2 family.Contains 1 calpain catalytic domain.Contains 3 EF-hand domains.
Format	Liquid
Buffer	Preservative: None Constituents: 0.001% Tween 20, 30mM HEPES, 2mM EDTA, 150mM Sodium chloride, pH 6.75
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Preservative: None Constituents: 0.001% Tween 20, 30mM HEPES, 2mM EDTA, 150mM Sodium chloride, pH 6.75

GENE INFORMATION

Gene Name [CAPN14 calpain 14 \[Homo sapiens \(human\) \]](#)

Official Symbol	CAPN14
Synonyms	CAPN14; calpain 14; calpain-14; CANP 14; calcium-activated neutral proteinase 14;
Entrez Gene ID	440854
mRNA Refseq	NM_001145122.1
Protein Refseq	NP_001138594.1
UniProt ID	A8MX76
Chromosome Location	2p23.1-p21
Function	calcium ion binding; calcium-dependent cysteine-type endopeptidase activity;