



Human CAPZB blocking peptide (CDBP0677)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-CAPZB antibody
Antigen Description	This gene encodes the beta subunit of the barbed-end actin binding protein, which belongs to the F-actin capping protein family. The capping protein is a heterodimeric actin capping protein that blocks actin filament assembly and disassembly at the fast growing (barbed) filament ends and functions in regulating actin filament dynamics as well as in stabilizing actin filament lengths in muscle and nonmuscle cells. A pseudogene of this gene is located on the long arm of chromosome 2. Multiple alternatively spliced transcript variants encoding different isoforms have been found.
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	CAPZB capping protein (actin filament) muscle Z-line, beta [Homo sapiens]
Official Symbol	CAPZB
Synonyms	CAPZB; capping protein (actin filament) muscle Z-line, beta; F-actin-capping protein subunit

beta; capZ beta; CAPB; CAPZ; CAPPB; FLJ12274; FLJ44693; MGC104401; MGC129749; MGC129750; DKFZp686K0524;

Entrez Gene ID	832
mRNA Refseq	NM_001206540
Protein Refseq	NP_001193469
UniProt ID	P47756
Chromosome Location	1p36.1
Pathway	Factors involved in megakaryocyte development and platelet production, organism-specific biosystem; Hemostasis, organism-specific biosystem;
Function	actin binding;