



Human DUSP16 blocking peptide (CDBP1071)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-DUSP16 antibody
Antigen Description	This gene encodes a mitogen-activated protein kinase phosphatase that is a member of the dual specificity protein phosphatase subfamily. These phosphatases inactivate their target kinases by dephosphorylating both the phosphoserine/threonine and phosphotyrosine residues. The encoded protein specifically regulates the c-Jun amino-terminal kinase (JNK) and extracellular signal-regulated kinase (ERK) pathways.
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	DUSP16 dual specificity phosphatase 16 [Homo sapiens]
Official Symbol	DUSP16
Synonyms	DUSP16; dual specificity phosphatase 16; dual specificity protein phosphatase 16; KIAA1700; MAPK phosphatase 7; MKP 7; MKP7; MAPK phosphatase-7; MAP kinase phosphatase 7; mitogen-activated protein kinase phosphatase 7; MKP-7; FLJ36298; FLJ40991; MGC129701;

MGC129702;

Entrez Gene ID	80824
mRNA Refseq	NM_030640
Protein Refseq	NP_085143
UniProt ID	Q9BY84
Chromosome Location	12p13
Pathway	MAPK signaling pathway, organism-specific biosystem; MAPK signaling pathway, conserved biosystem; Regulation of p38-alpha and p38-beta, organism-specific biosystem;
Function	MAP kinase tyrosine/serine/threonine phosphatase activity; MAP kinase tyrosine/serine/threonine phosphatase activity; hydrolase activity; phosphoprotein phosphatase activity; protein tyrosine phosphatase activity;