



ZBP1 blocking peptide (CDBP6453)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a Z-DNA binding protein. The encoded protein plays a role in the innate immune response by binding to foreign DNA and inducing type-I interferon production. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Dec 2011]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	ZBP1 Z-DNA binding protein 1 [Homo sapiens (human)]
Official Symbol	ZBP1
Synonyms	ZBP1; Z-DNA binding protein 1; DAI; DLM1; DLM-1; C20orf183; Z-DNA-binding protein 1; DNA-dependent activator of IRFs; DNA-dependent activator of IFN-regulatory factors; tumor stroma and activated macrophage protein DLM-1; DNA-dependent activator of interferon regulatory factors
Entrez Gene ID	81030

mRNA Refseq	NM_001160417
Protein Refseq	NP_001153889
UniProt ID	Q9H171
Pathway	Cytosolic DNA-sensing pathway; Cytosolic sensors of pathogen-associated DNA; IRF3 mediated activation of type 1 IFN; IRF3-mediated induction of type I IFN; Immune System; Innate Immune System; RIP-mediated NFkB activation via ZBP1; Regulation of innate immune responses to cytosolic DNA
Function	DNA binding; RNA binding; double-stranded RNA adenosine deaminase activity; left-handed Z-DNA binding; protein binding