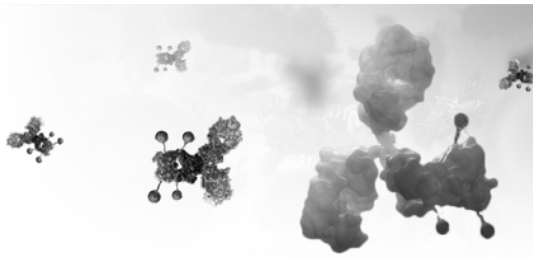

Human HMGA2 blocking peptide (CDBP1489)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-HMGI-C/HMGA2 antibody
Antigen Description	This gene encodes a protein that belongs to the non-histone chromosomal high mobility group (HMG) protein family. HMG proteins function as architectural factors and are essential components of the enhancesome. This protein contains structural DNA-binding domains and may act as a transcriptional regulating factor. Identification of the deletion, amplification, and rearrangement of this gene that are associated with myxoid liposarcoma suggests a role in adipogenesis and mesenchymal differentiation. A gene knock out study of the mouse counterpart demonstrated that this gene is involved in diet-induced obesity. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.
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	HMGA2 high mobility group AT-hook 2 [Homo sapiens]
Official Symbol	HMGA2

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Synonyms	HMGA2; high mobility group AT-hook 2; high mobility group (nonhistone chromosomal) protein isoform I C , HMGIC; high mobility group protein HMGI-C; BABL; LIPO; High-mobility group protein HMGI-C; high mobility group AT-hook protein 2; high-mobility group (nonhistone chromosomal) protein isoform I-C; HMGIC; HMGI-C; STQTL9;
Entrez Gene ID	8091
mRNA Refseq	NM_003483
Protein Refseq	NP_003474
UniProt ID	P52926
Chromosome Location	12q15
Pathway	Transcriptional misregulation in cancer, organism-specific biosystem; Transcriptional misregulation in cancer, conserved biosystem;
Function	5-deoxyribose-5-phosphate lyase activity; AT DNA binding; AT DNA binding; C2H2 zinc finger domain binding; DNA binding; DNA binding; DNA binding, bending; DNA binding, bending; DNA-(apurinic or apyrimidinic site) lyase activity; DNA-dependent protein kina

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