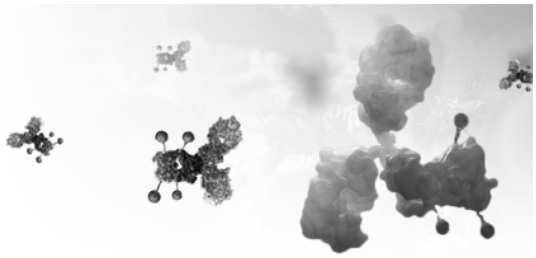

Mouse Runx1 blocking peptide (CDBP2581)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-Runx1 (mouse) antibody
Antigen Description	Core binding factor (CBF) is a heterodimeric transcription factor that binds to the core element of many enhancers and promoters. The protein encoded by this gene represents the alpha subunit of CBF and is thought to be involved in the development of normal hematopoiesis. Chromosomal translocations involving this gene are well-documented and have been associated with several types of leukemia. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Species	Mouse
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	Runx1 runt related transcription factor 1 [Mus musculus]
Official Symbol	Runx1
Synonyms	RUNX1; runt related transcription factor 1; runt-related transcription factor 1; CBF-alpha-2; PEA2-alpha B; PEBP2-alpha B; oncogene AML-1; core binding factor alpha 2; runt domain,

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	alpha subunit 2; acute myeloid leukemia 1 protein; core-binding factor subunit alpha-2; SL3-3 enhancer factor 1 alpha B subunit; SL3/AKV core-binding factor alpha B subunit; polyomavirus enhancer-binding protein 2 alpha B subunit; AML1; Cbfa2; Pebp2a2; Pebpa2b; AI462102;
Entrez Gene ID	12394
mRNA Refseq	NM_001111021
Protein Refseq	NP_001104491
Pathway	Acute myeloid leukemia, organism-specific biosystem; Acute myeloid leukemia, conserved biosystem; Androgen Receptor Signaling Pathway, organism-specific biosystem; Chronic myeloid leukemia, organism-specific biosystem; Chronic myeloid leukemia, conserved biosystem; Pathways in cancer, organism-specific biosystem; Transcriptional misregulation in cancer, organism-specific biosystem;
Function	ATP binding; DNA binding; DNA binding; calcium ion binding; protein binding; protein heterodimerization activity; protein homodimerization activity; regulatory region DNA binding; repressing transcription factor binding; sequence-specific DNA binding tran

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