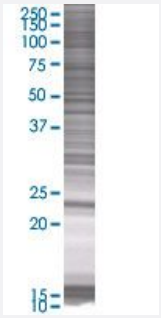
CBX5 293T Cell Transient Overexpression Lysate(Denatured)

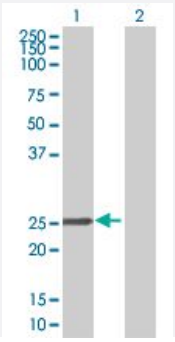
Catalog # H00023468-T01 Size 100 uL

Applications



SDS-PAGE Gel

CBX5 transfected lysate.



Western Blot

Lane 1: CBX5 transfected lysate (21.12 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-CBX5 full-length
Host	Human
Theoretical MW (kDa)	21.12
Interspecies Antigen Sequence	Mouse (97); Rat (97)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-CBX5 antibody (H00023468-B01) by Western Blots. SDS-PAGE Gel CBX5 transfected lysate. Western Blot Lane 1: CBX5 transfected lysate (21.12 KDa) Lane 2: Non-transfected lysate.
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — CBX5

Entrez GeneID	23468
GeneBank Accession#	NM_012117.1
Protein Accession#	NP_036249.1
Gene Name	CBX5
Gene Alias	HP1, HP1A
Gene Description	chromobox homolog 5 (HP1 alpha homolog, Drosophila)
Omim ID	604478
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a highly conserved nonhistone protein, which is a member of the heterochromatin protein family. The protein is enriched in the heterochromatin and associated with centromeres. The protein has a single N-terminal chromodomain which can bind to histone proteins via methylated lysine residues, and a C-terminal chromo shadow-domain (CSD) which is responsible for the homodimerization and interaction with a number of chromatin-associated nonhistone proteins. The encoded product is involved in the formation of functional kinetochore through interaction with essential kinetochore proteins. The gene has a pseudogene located on chromosome 3. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq
Other Designations	HP1-ALPHA|HP1Hs alpha|antigen p25|heterochromatin protein 1 homolog alpha|heterochromatin protein 1-alpha