



Anti-CBX3/Hp1 monoclonal antibody, clone MAC385 (CABT-54576RM)

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

PRODUCT INFORMATION

Product Overview	This product recognises the M32 molecule in mouse and the HP1 HS gamma molecule in man. MAC385 has also been reported for use in Western blotting and recognises a 22kD protein in murine nuclear extracts. M32 has been shown to be distributed in a fine grain pattern within interphase nucleui.
Specificity	CBX3
Immunogen	Full length M32 recombinant protein
Isotype	IgM
Source/Host	Rat
Species Reactivity	Mouse, Human
Clone	MAC385
Conjugate	Unconjugated
Applications	IHC-Fr; ELISA
Format	Tissue Culture Supernatant - liquid
Size	2 ml
Preservative	0.09% Sodium Azide
Storage	in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	Cbx3 chromobox 3 [<i>Mus musculus</i> (house mouse)]
Official Symbol	CBX3
Synonyms	CBX3; chromobox 3; M32; HP1g; chromobox protein homolog 3; HP1 gamma; modifier 2 protein; chromobox homolog 3; heterochromatin protein 1 gamma; heterochromatin protein 1 homolog gamma;
Entrez Gene ID	12417
Protein Refseq	NP_031650
UniProt ID	P23198
Chromosome Location	6 B-C; 6 24.89 cM
Pathway	Circadian Exercise; Diurnally regulated genes with circadian orthologs; Gene Expression; RNA Polymerase I Chain Elongation; RNA Polymerase I Transcription; RNA Polymerase I, RNA Polymerase III, and Mitochondrial Transcription;
Function	enzyme binding; histone methyltransferase binding; identical protein binding; protein binding; protein domain specific binding; transcription regulatory region sequence-specific DNA binding;