



Anti-CBX3 monoclonal antibody, clone FQS21577(C) (DCABH-4325)

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

PRODUCT INFORMATION

Product Overview	Rabbit monoclonal to HP1 gamma
Antigen Description	Seems to be involved in transcriptional silencing in heterochromatin-like complexes. Recognizes and binds histone H3 tails methylated at Lys-9, leading to epigenetic repression. May contribute to the association of the heterochromatin with the inner nuclear membrane through its interaction with lamin B receptor (LBR). Involved in the formation of functional kinetochore through interaction with MIS12 complex proteins.
Immunogen	Synthetic peptide, corresponding to residues in Human HP1 gamma (UniProt: Q13185).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	FQS21577(C)
Conjugate	Unconjugated
Applications	WB, Flow Cyt
Positive Control	HepG2, MOLT4 and HeLa cell lysates; HeLa cells.
Format	Liquid
Size	100 µl
Buffer	Preservative: 0.01% Sodium azide; Constituents: 50% Glycerol, 0.05% BSA
Storage	Store at -20°C.

Ship

Shipped at 4°C.

GENE INFORMATION

Gene Name	CBX3 chromobox homolog 3 [Homo sapiens]
Official Symbol	CBX3
Synonyms	CBX3; chromobox homolog 3; chromobox homolog 3 (Drosophila HP1 gamma); chromobox protein homolog 3; HP1 gamma homolog (Drosophila); HP1Hs gamma; HP1 gamma homolog; modifier 2 protein; heterochromatin-like protein 1; heterochromatin protein HP1 gamma; hete
Entrez Gene ID	11335
Protein Refseq	NP_009207
UniProt ID	A4D177
Chromosome Location	7p15.2
Pathway	Diurnally regulated genes with circadian orthologs, organism-specific biosystem; Gene Expression, organism-specific biosystem; RNA Polymerase I Chain Elongation, organism-specific biosystem; RNA Polymerase I Transcription, organism-specific biosystem; RNA Polymerase I, RNA Polymerase III, and Mitochondrial Transcription, organism-specific biosystem;
Function	enzyme binding; identical protein binding; protein binding; protein domain specific binding;