

DNAxPAb

Hard-to-Find  
Antibody

# CBX1 DNAxPAb

Catalog # H00010951-W01P

Size 200 ug

## Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CBX1 DNA using DNAx™ Immune technology.
Technology	<a href="#">DNAx™ Immune</a>
Immunogen	Full-length human DNA
Sequence	MGKKQNKKKVVEEVLEEEEEYYVEKVLDRRVVKGKVEYLLKWKGFSDEDNTWEPEENLDCPD LIAEFLQSQKTAHETDKSEGGKRKADSDSEDKGEESKPKKKKEESEKPRGFARGLEPERIIGATD SSGELMFLMKWKNSDEADLVPAKEANVKCPQVVISFYEERLTWHSYPSEDDDDKKDDKN
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

## Gene Info — CBX1

**Entrez GeneID** [10951](#)

**GeneBank Accession#** [NM\\_006807.3](#)

**Protein Accession#** [NP\\_006798.1](#)

**Gene Name** CBX1

**Gene Alias** CBX, HP1-BETA, HP1Hs-beta, HP1Hsbeta, M31, MOD1, p25beta

**Gene Description** chromobox homolog 1 (HP1 beta homolog Drosophila )

**Omim ID** [604511](#)

**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 protein may play an important role in the epigenetic control of chromatin structure and gene expression. Several related pseudogenes are located on chromosomes 1, 3, and X. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq]

**Other Designations** heterochromatin protein 1-beta|heterochromatin protein p25 beta|modifier 1 protein