## CBX5 Polyclonal Antibody

**catalog number:  E-AB-18215**

**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*
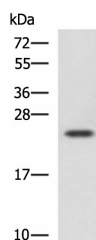
### Description

| | |
|---|---|
| **Reactivity** | Human;Mouse |
| **Immunogen** | Fusion protein of human CBX5 |
| **Host** | Rabbit |
| **Isotype** | IgG |
| **Purification** | Antigen affinity purification |
| **Buffer** | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol. |

### Applications

| Applications | Recommended Dilution |
|---|---|
| **WB** | 1:1000-1:5000 |

### Data



Western blot analysis of Jurkat cell lysate using CBX5

Polyclonal Antibody at dilution of 1:1100

**Observed-MW:Refer to figures**

**Calculated-MW:22 kDa**

### Preparation & Storage

| | |
|---|---|
| **Storage** | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| **Shipping** | The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended. |

### Background

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.

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