

## Anti-CBX5 antibody

<b>Cat. No.</b>	ml220366
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-CBX5 rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB
<b>Immunogen</b>	Fusion protein of human CBX5
<b>Reactivity</b>	Human, Mouse
<b>Content</b>	0.4 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	CBX5
<b>Full name</b>	Chromobox protein homolog 5
<b>Synonyms</b>	HP1, HP1A
<b>Swissprot</b>	P45973

### Target 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.

订购热线: 4008-898-798

#### Applications

##### Western blotting

Predicted band size: 22 kDa

Positive control: HeLa cells and Human endometrial cancer tissue

Recommended dilution: 200-1000

Gel: 10% SDS-PAGE

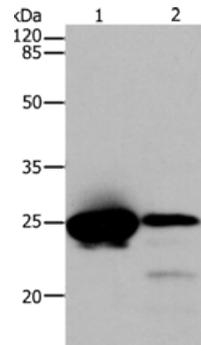
Lysate: 24  $\mu$ g

Lane 1-2: HeLa cells, Human endometrial cancer tissue

Primary antibody: ml220366 (CBX5 Antibody) at dilution 1/300

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 1 minute



#### ELISA

Recommended dilution: 1000-5000

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