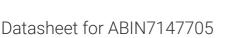
# antibodies -online.com





# anti-CBX5 antibody (AA 1-191)





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Quantity:	100 μg
Target:	CBX5
Binding Specificity:	AA 1-191
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CBX5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

### **Product Details**

Immunogen:	Recombinant Human Chromobox protein homolog 5 protein (1-191AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	CBX5	
Alternative Name:	CBX5 (CBX5 Products)	
Background:	Background: Catalyzes the condensation of nicotinamide with 5-phosphoribosyl-1-	
	pyrophosphate to yield nicotinamide mononucleotide, an intermediate in the biosynthesis of	

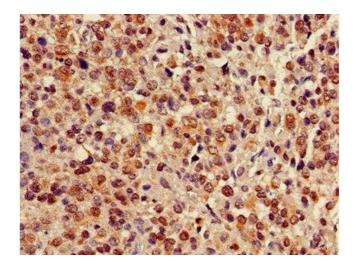
NAD. It is the rate limiting component in the mammalian NAD biosynthesis pathway. The secreted form behaves both as a cytokine with immunomodulating properties and an adipokine with anti-diabetic properties, it has no enzymatic activity, partly because of lack of activation by ATP, which has a low level in extracellular space and plasma. Plays a role in the modulation of circadian clock function. NAMPT-dependent oscillatory production of NAD regulates oscillation of clock target gene expression by releasing the core clock component: CLOCK-ARNTL/BMAL1 heterodimer from NAD-dependent SIRT1-mediated suppression (By similarity). Aliases: Antigen p25 antibody, CBX5 antibody, CBX5\_HUMAN antibody, CG8409 antibody, Chromobox 5 antibody, Chromobox homolog 5 (HP1 alpha homolog, Drosophila) antibody, Chromobox homolog 5 antibody, Chromobox protein homolog 5 antibody, Epididymis luminal protein 25 antibody, HEL25 antibody, Heterochromatin protein 1 alpha antibody, Heterochromatin protein 1 antibody, Heterochromatin protein 1 homolog alpha antibody, HP1 alpha antibody, HP1 alpha homolog antibody, HP1 antibody, HP1A antibody, HP1Hs alpha antibody, Su(var)205 antibody

UniProt:

P45973

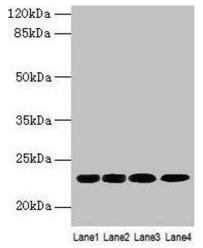
#### **Application Details**

Application Notes:	Recommended dilution: WB:1:500-1:2000, IHC:1:20-1:200,	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	-20 °C,-80 °C	
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.	



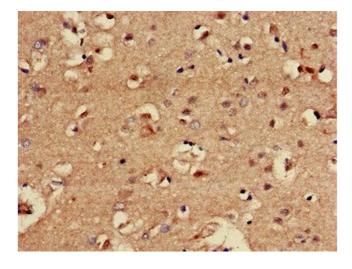
#### **Immunohistochemistry**

**Image 1.** Immunohistochemistry of paraffin-embedded human glioma using ABIN7147705 at dilution of 1:100



#### **Western Blotting**

Image 2. Western blot All lanes: CBX5 antibody at 9  $\mu$ g/mL Lane 1: K562 whole cell lysate Lane 2: MCF-7 whole cell lysate Lane 3: 293T whole cell lysate Lane 4: Hela whole cell lysate Secondary Goat polyclonal to rabbit lgG at 1/10000 dilution Predicted band size: 23 kDa Observed band size: 23 kDa



#### **Immunohistochemistry**

**Image 3.** Immunohistochemistry of paraffin-embedded human brain tissue using ABIN7147705 at dilution of 1:100