



# HCP5 rabbit pAb

<b>Catalog No</b>	BYab-09083
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB
<b>Gene Name</b>	HCP5
<b>Protein Name</b>	HCP5
<b>Immunogen</b>	Synthesized peptide derived from human HCP5 AA range: 82-132
<b>Specificity</b>	This antibody detects endogenous levels of HCP5 at Human
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
<b>Dilution</b>	WB 1: 500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	
<b>Cell Pathway</b>	
<b>Tissue Specificity</b>	Expressed in lymphoid tissues; Detected in spleen as well as in B-cell lines, NK cell lines and activated lymphocytes.
<b>Function</b>	miscellaneous:HCP5 is localized within the MHC class I region, but is not structurally related to MHC class I genes. HCP5 is related in sequence to human endogenous retroviruses HERV-L and HERV-16. It has sequence homology with retroviral Pol genes in HERV retroviral element; thus, it is itself a good candidate to interact with HIV-1, possibly through an antisense mechanism against retroviral transcript.,miscellaneous:Variation Gly-112 is associated with low viral loads in untreated HIV patients. The level of circulating virus in the plasma of HIV patients (viral set point) varies among individuals during the nonsymptomatic phase preceding the progression to AIDS. This polymorphism explains 9.6% of the total variation in set point and is associated with the HLA-B*5701 allele, which has the strongest described protective impact on HIV disease progression. However, it is possible that HPC5

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## Background

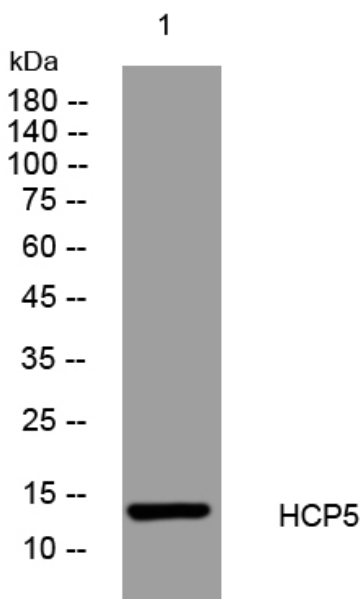
### matters needing attention

Avoid repeated freezing and thawing!

### Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western blot analysis of lysates from KB cells, primary antibody was diluted at 1:1000, 4°over night