


Product datasheet

Anti-RbAp46 antibody ab72457

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概述

产品名称	Anti-RbAp46抗体
描述	兔多克隆抗体to RbAp46
经测试应用	适用于: WB, IP, IHC-P
种属反应性	与反应: Mouse, Human 预测可用于: Rat, Rabbit, Guinea pig, Cow, Dog, Pig, Ferret, Rhesus monkey, Orangutan 
免疫原	Synthetic peptide (Human) corresponding to a region between residues 1 and 50 of RbAp46, (AAC50231.1).
阳性对照	Whole cell lysate from HeLa, 293T and mouse NIH3T3 cells.

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	Preservative: 0.09% Sodium Azide Constituents: 0.1% BSA, Tris buffered saline
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab72457** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		1/2000 - 1/10000. Detects a band of approximately 51 kDa (predicted molecular weight: 48 kDa).
IP		Use at 2-5 µg/mg of lysate.

应用	Ab评论	说明
IHC-P		1/200 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

## 靶标

### 功能

Core histone-binding subunit that may target chromatin remodeling factors, histone acetyltransferases and histone deacetylases to their histone substrates in a manner that is regulated by nucleosomal DNA. Component of several complexes which regulate chromatin metabolism. These include the type B histone acetyltransferase (HAT) complex, which is required for chromatin assembly following DNA replication; the core histone deacetylase (HDAC) complex, which promotes histone deacetylation and consequent transcriptional repression; the nucleosome remodeling and histone deacetylase complex (the NuRD complex), which promotes transcriptional repression by histone deacetylation and nucleosome remodeling; and the PRC2/EED-EZH2 complex, which promotes repression of homeotic genes during development; and the NURF (nucleosome remodeling factor) complex.

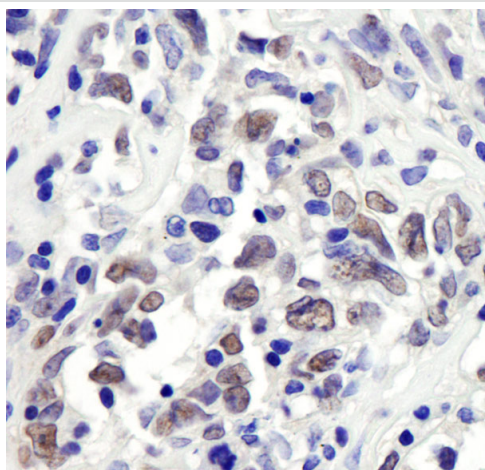
### 序列相似性

Belongs to the WD repeat RBAP46/RBAP48/MSI1 family.  
Contains 7 WD repeats.

### 细胞定位

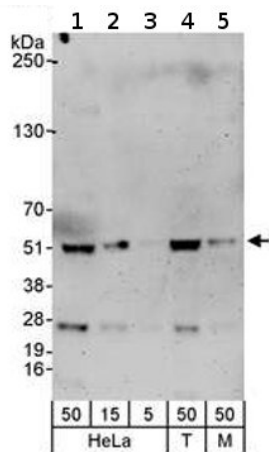
Nucleus.

## 图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human metastatic lymph node tissue labelling RbAp46 with ab72457 at 1/1000 (0.2µg/ml).  
Detection: DAB.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RbAp46 antibody (ab72457)



Western blot - RbAp46 antibody (ab72457)

**All lanes** : Anti-RbAp46 antibody (ab72457)  
at 0.04 µg/ml

**Lane 1** : HeLa whole cell lysate at 50 µg

**Lane 2** : HeLa whole cell lysate at 15 µg

**Lane 3** : HeLa whole cell lysate at 5 µg

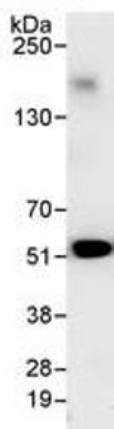
**Lane 4** : 293T whole cell lysate at 50 µg

**Lane 5** : NIH3T3 whole cell lysate at 50 µg

**Predicted band size** : 48 kDa

**Observed band size** : 51 kDa

**Additional bands at** : 27 kDa. We are unsure as to the identity of these extra bands.



Immunoprecipitation - RbAp46 antibody (ab72457)

HeLa whole cell lysate (1 mg for IP, 20% of IP loaded), with ab72457 used for IP at 3 µg/mg lysate, and for subsequent WB at 1 µg/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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