

## Rabbit Anti-RBBP4 antibody

SLM-60573R

**Product Name** RBBP4

**Chinese Name** 视网膜母细胞瘤 Binding proteinP48Recombinant rabbit monoclonal anti

**Alias** RBBP4\_HUMAN; Histone-binding protein RBBP4; Chromatin assembly factor 1 subunit C; CAF-I subunit C; Chromatin assembly factor I p48 subunit; CAF-I 48 kDa subunit; CAF-I p48; Nucleosome-remodeling factor subunit RBAP48; Retinoblastoma-binding protein 4; RBBP-4; Retinoblastoma-binding protein p48; RbAp48.

**Immunogen Species** Rabbit

**Clonality** Monoclonal

**Clone NO.** G7A9

**React Species** Human,Mouse,Rat

**Applications** WB=1:500-2000,IHC-P=1:50-200,IHC-F=1:50-200,IF=1:50-200,Flow-Cyt=1:50-100,ICC/IF=1:50-200  
(Paraffin sections need antigen repair)  
not yet tested in other applications.  
optimal dilutions/concentrations should be determined by the end user.

**Theoretical molecular weight** 47kDa

**Cellular localization** The nucleus

**Form** Liquid

**Concentration** 1mg/ml

**Lsotype** IgG/Kappa

**Purification** Affinity purified by Protein A

**Buffer Solution** 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.

**Storage** Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

**Attention** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

**PubMed** [PubMed](#)

**Product** This gene encodes a ubiquitously expressed nuclear protein which belongs to a highly conserved

## Detail

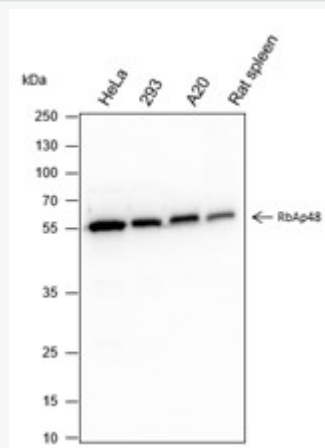
subfamily of WD-repeat proteins. It is present in protein complexes involved in histone acetylation and chromatin assembly. It is part of the Mi-2 complex which has been implicated in chromatin remodeling and transcriptional repression associated with histone deacetylation. This encoded protein is also found in co-repressor complexes, which is an integral component of transcriptional silencing. It is found associated with several cellular proteins that bind directly to retinoblastoma protein to regulate cell proliferation. The encoded protein also seems to be involved in transcriptional repression of E2F-responsive genes. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2013]

**SWISS:**  
Q09028

**Gene ID:**  
5928

核心组蛋白结合亚单位，可靶向染色质组装因子、染色质重塑因子和组蛋白脱乙酰基酶，由核小体 DNA 调节。是几种调节染色质代谢的复合物的成分。这些包括染色质组装因子（CAF-1）复合物，它是 DNA 复制和 DNA 修复后染色质组装所必需的。核心组蛋白去乙酰化酶（HDAC）复合物，促进组蛋白去乙酰化和随后的转录抑制，核小体重构和组蛋白去乙酰化复合物（NuRD 复合物），通过组蛋白去乙酰化和核小体重构促进转录抑制。PRC2/EED-EED复合物，在发育过程中促进同源异型基因的抑制。

## Product Picture



Blocking buffer: 5% NFDm/TBST

Primary ab dilution: 1:1000

Primary ab incubation condition: 2 hours at room temperature

Secondary ab: Goat Anti-Rabbit IgG H&L (HRP)

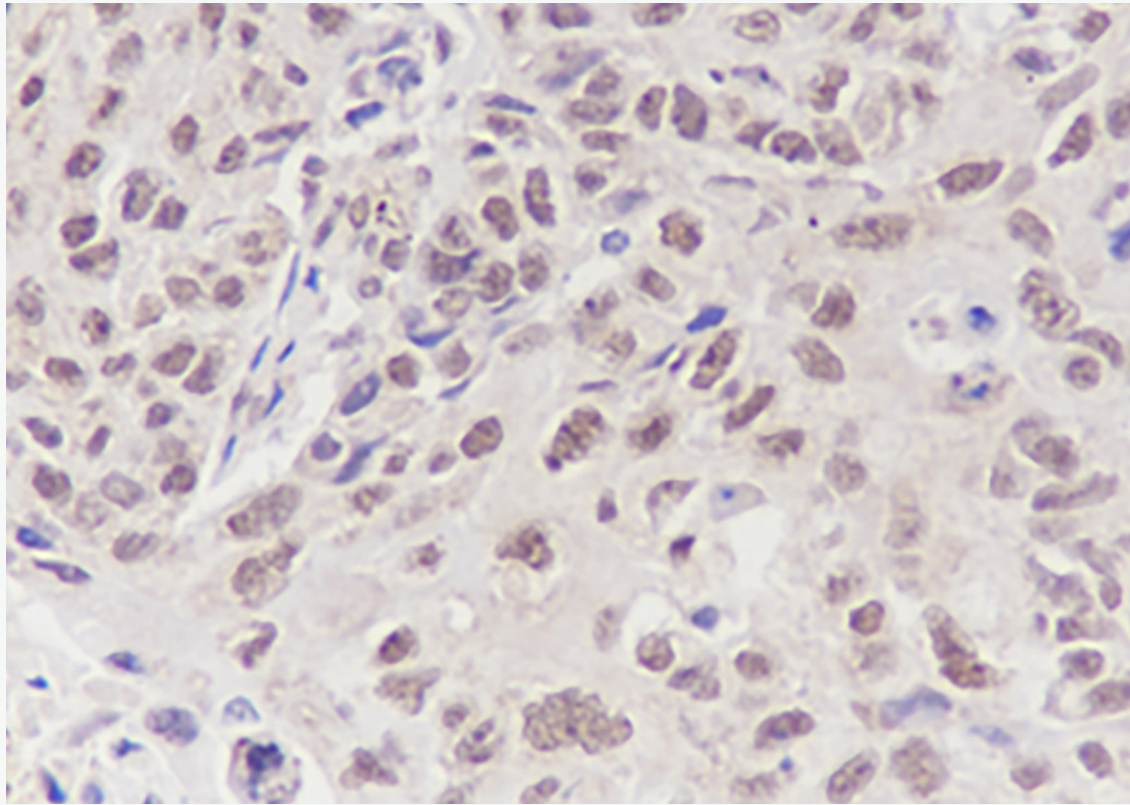
Lysate: HeLa,HEK- 293, A20, Rat spleen

Protein loading quantity: 20  $\mu$ g

Exposure time: 3 s

Predicted MW: 52 kDa

Observed MW: 52 kDa



Tissue: Human lung squamous carcinoma

Section type: Formalin fixed & Paraffin -embedded section

Retrieval method: High temperature and high pressure

Retrieval buffer: Tris/EDTA buffer, pH 9.0 Primary ab dilution: 1:100



Primary ab incubation condition: 1 hour at room temperature

Secondary ab: SP Kit(Rabbit) (sp-0023)

Counter stain: Hematoxylin (Blue)

Comment: Color brown is the positive signal for SLM-60573R