

RBBP4 (PT1345R) PT™ Rabbit mAb

CatalogNo: YM9187 **Recombinant** 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, IHC, IF, IP, ELISA

MW

- 48kD (Calculated)
- 55kD (Observed)

Isotype

- IgG, Kappa

Recommended Dilution Ratios

IHC 1:200-1:1000**WB 1:2000-1:10000****IF 1:200-1:1000****ELISA 1:5000-1:20000****IP 1:50-1:200**

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)**Formulation** PBS, 50% glycerol, 0.05% Proclin 300, 0.05% BSA

Basic Information

Clonality Monoclonal**Clone Number** PT1345R

Immunogen Information

Specificity Endogenous

Target Information

Gene name	RBBP4 RBAP48
Protein Name	Histone-binding protein RBBP4 (Chromatin assembly factor 1 subunit C) (CAF-1 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)

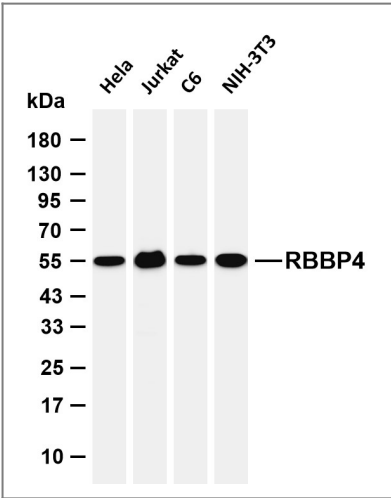
Organism	Gene ID	UniProt ID
Human	5928;	Q09028;
Mouse	19646;	Q60972;

Cellular Localization	Nucleus . Chromosome, telomere . Localizes to chromatin as part of the PRC2 complex. .
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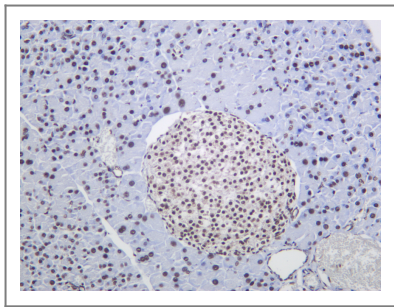
Tissue specificity	Expressed in neuroblastoma cells.
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Function	Core histone-binding subunit that may target chromatin assembly factors, chromatin remodeling factors and histone deacetylases to their histone substrates in a manner that is regulated by nucleosomal DNA. Component of several complexes which regulate chromatin metabolism. These include the chromatin assembly factor 1 (CAF-1) complex, which is required for chromatin assembly following DNA replication and DNA repair; 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; the PRC2 complex, which promotes repression of homeotic genes during development; and the NURF (nucleosome remodeling factor) complex.
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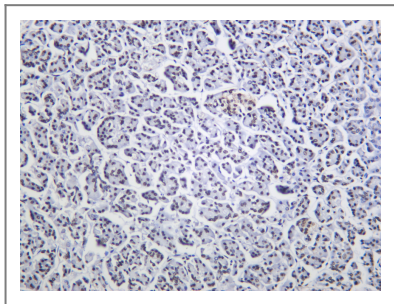
Validation Data



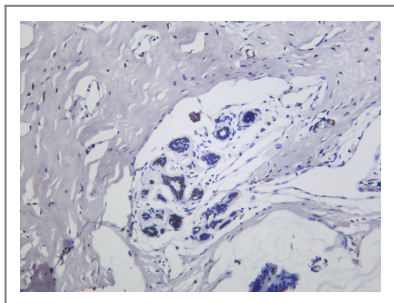
Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-RBBP4 (PT1345R) antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: HeLa Lane 2: Jurkat Lane 3: C6 Lane 4: NIH-3T3 Predicted band size: 48kDa Observed band size: 55kDa



Mouse pancreas was stained with anti-RBBP4 (PT1345R) Rabbit antibody



Human pancreas was stained with anti-RBBP4 (PT1345R) Rabbit antibody



Human breast carcinoma was stained with anti-RBBP4 (PT1345R) Rabbit antibody

Contact information

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PT™ Rabbit mAb

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