

RBBP4 Antibody

Catalog No: #32290



Package Size: #32290-1 50ul #32290-2 100ul

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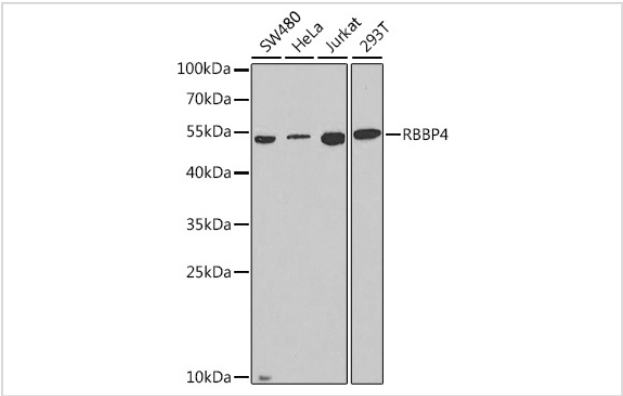
Description

Product Name	RBBP4 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IF
Species Reactivity	Human
Specificity	The antibody detects endogenous level of total RBBP4 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human RBBP4.
Target Name	RBBP4
Other Names	NURF55; RBAP48;
Accession No.	Swiss-Prot:Q09028NCBI Gene ID:5928
Uniprot	Q09028
GeneID	5928;
SDS-PAGE MW	48KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

WB 1:500 - 1:2000IF 1:50 - 1:200ChIP 1:20 - 1:50

Images



Western blot analysis of extracts of various cell lines, using RBBP4 at 1:1000 dilution.

## Background

Retinoblastoma-associated proteins 46 and 48 (RBAP46 and RBAP48; also known as RBBP7 and RBBP4) were first characterized in human cells as proteins that bind to the retinoblastoma (Rb) tumor suppressor protein (1). Since then, these proteins have been shown to be components of many protein complexes involved in chromatin regulation, including the chromatin assembly factor 1 (CAF-1) complex and type B histone acetyltransferase complex HAT1, both of which function in chromatin assembly during DNA replication (2,3). RBAP46 and RBAP48 are also found in the nucleosome remodeling factor complex NURF, the nucleosome remodeling and histone de-acetylation complex NuRD, and the Sin3/HDAC histone de-acetylation complex (4-7). More recently, RBAP46 and RBAP48 were identified as components of the polycomb repressor complex PRC2, which also contains EED and Ezh2 (8). RBAP46 and RBAP48 bind to the histone fold region of histone H4 and are believed to target these chromatin remodeling, histone acetylation, and histone de-acetylation complexes to their histone substrates (3).

Note: This product is for in vitro research use only