

# RBBP4 Polyclonal Antibody

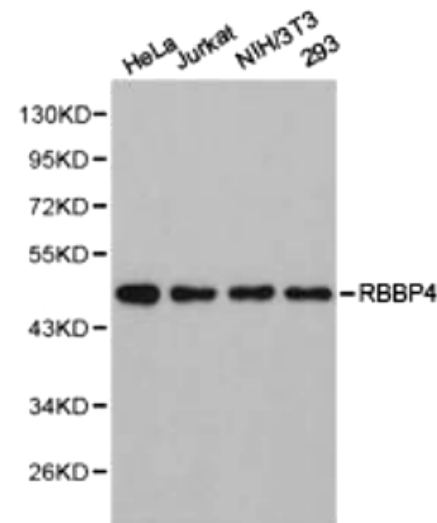
<b>ALTERNATE NAMES:</b>	NURF55, RBAP48.
<b>CATALOG #:</b>	6154-100
<b>AMOUNT:</b>	100 µg
<b>HOST:</b>	Rabbit
<b>ISOTYPE:</b>	IgG
<b>IMMUNOGEN:</b>	Recombinant protein of human RBBP4
<b>PURIFICATION:</b>	Affinity purified
<b>MOLECULAR WEIGHT:</b>	48 kDa
<b>FORM:</b>	Liquid
<b>FORMULATION:</b>	100 µg of antibody in 100 µl PBS containing 0.02% sodium azide, 50% glycerol, pH 7.3
<b>SPECIES REACTIVITY:</b>	Human, Mouse, Rat
<b>STORAGE CONDITIONS:</b>	Can be stored at -20°C or -80°C. Avoid repeated freeze/thaw cycles.

**DESCRIPTION:** 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. 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. 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. More recently, RBAP46 and RBAP48 were identified as components of the polycomb repressor complex PRC2, which also contains EED and Ezh2. 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.

**SPECIFICITY:** Cross-reacts with human, mouse and rat samples.

**APPLICATION:** Western blot: 1:500 – 1:2000, IHC: 1:50 – 1:200.

**Note:** This information is only intended as a guide. The optimal dilutions must be determined by the user.



WB of various cell extracts with RBBP4 pAb.

## RELATED PRODUCTS:

- RBBP5 Antibody (Cat. No. 3793-100)
- RBBP5 Antibody (Cat. No. 3793R-100)
- RBBP5 Blocking Peptide (Cat. No. 3793RBP-100)

**FOR RESEARCH USE ONLY! Not to be used on humans.**