

RBBP4 recombinant antibody

RBBP4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA243978	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

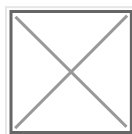
PRODUCT SYNONYMS

RBBP4; Monoclonal Recombinant Antibody; RBBP4 Antibody; 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); RBAP48; RBBP4 recombinant antibody

PRODUCT SPECIFICATIONS

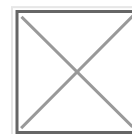
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	3E9
Purity/Purification	Affinity-chromatography
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, PH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Applicable Applications for RBBP4 recombinant antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Antibody Type	Recombinant Antibody
Conjugation	Non-conjugated
Immunogen	A synthesized peptide derived from human RbAp48
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of HeLa Cells at 1:50, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeated by 0.2% TritonX-100, and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. Nuclear DNA was labeled in blue with DAPI. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-Rabbit IgG ?H+L?.



IHC (Immunohistochemistry)

IHC image diluted at 1:100 and staining in paraffin-embedded human lung tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.



IHC (Immunohistochemistry)

IHC image diluted at 1:100 and staining in paraffin-embedded human breast cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.



WB (Western Blot)

Western BlotPositive WB detected in: Hela whole cell lysate, K562 whole cell lysate, HepG2 whole cell lysate, HEK293 whole cell lysate, L02 whole cell lysate, Jurkat whole cell lysate, SH-SY5Y whole cell lysate, Mouse Brain whole cell lysate, Rat Brain cell lysateAll lanes: RbAp48 antibody at 1:1000SecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 48, 48, 47, 44 kDaObserved band size: 53, 40 kDa

ADDITIONAL INFORMATION

Related Product Information for RBBP4 recombinant antibody	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/EED-EZH2 complex, which promotes repression of homeotic genes during development; and the NURF (nucleosome remodeling factor) complex.
Product Categories/Family for RBBP4 recombinant antibody	Epigenetics and Nuclear Signaling; Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	1172846
NCBI GeneID	5928
UniProt Accession #	Q09028; P31149; Q53H02; Q96BV9; B2R6G9; B4DRH0; D3DPQ3
Molecular Weight	425
NCBI Official Full Name	Histone-binding protein RBBP4
NCBI Official Synonym Full Names	retinoblastoma binding protein 4
NCBI Official Symbol	RBBP4
NCBI Official Synonym Symbols	NURF55; RBAP48; lin-53
NCBI Protein Information	histone-binding protein RBBP4; RBBP-4; CAF-I p48; CAF-1 subunit C; CAF-I 48 kDa subunit; MSI1 protein homolog; retinoblastoma-binding protein 4; retinoblastoma-binding protein p48; chromatin assembly factor 1 subunit C; chromatin assembly factor I p48 sub
UniProt Protein Name	Histone-binding protein RBBP4
UniProt Gene Name	RBBP4
UniProt Synonym Gene Names	RBAP48; CAF-1 subunit C; CAF-I 48 kDa subunit; CAF-I p48; RBBP-4
UniProt Entry Name	RBBP4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/rbbp4-recombinant-antibody-clone-3e9-immunofluorescence-immunohistochemistry-western-blot-elisa/243978>