

RbAp48 Polyclonal Antibody | anti-RbAp48 antibody

Anti-RbAp48 Antibody

CATALOG # AAA11671	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

RbAp48; Polyclonal Antibody; Anti-RbAp48 Antibody; Histone-binding protein RBBP4; CAF I p48; CAF-1 subunit C; CAF-I 48 kDa subunit; CAF-I p48; Chromatin assembly factor 1 subunit C; Chromatin assembly factor I p48 subunit; Chromatin assembly factor/CAF 1 p48 subunit; MSI1 protein homolog; Nucleosome-remodeling factor subunit RBAP48; NURF55; RbAp 48; RBAP48; RBBP-4; RBBP4; RBBP4_HUMAN; Retinoblastoma binding protein 4; Retinoblastoma binding protein p48; Retinoblastoma-binding protein 4; Retinoblastoma-binding protein p48; retinoblastoma binding protein 4; anti-RbAp48 antibody

PRODUCT SPECIFICATIONS

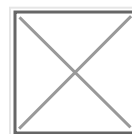
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Sequence Length	424
Applicable Applications for anti-RbAp48 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Application Notes	Western Blot Concentration: 0.1-0.5ug/ml Immunohistochemistry (IHC) Paraffin Concentration: 0.5-1ug/ml
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human RbAp48 (395-425aa EDNIMQVWQMAENIYNDEDPEGSVDPEGQGS), identical to the related mouse sequence.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

Figure 8. IHC analysis of RbAp48 using anti-RbAp48 antibody (AAA11671). RbAp48 was detected in frozen section of rat small intestine tissue. Heat mediated antigen retrieval was performed in citrate buffer (pH6, epitope retrieval solution) for 20 mins. The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1ug/ml rabbit anti-RbAp48 Antibody (AAA11671) overnight at 4 degree C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC) with DAB as the chromogen.



IHC (Immunohistochemistry)

Figure 7. IHC analysis of RbAp48 using anti-RbAp48 antibody (AAA11671). RbAp48 was detected in frozen section of mouse small intestine tissue. Heat mediated antigen retrieval was performed in citrate buffer (pH6, epitope retrieval solution) for 20 mins. The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1ug/ml rabbit anti-RbAp48 Antibody (AAA11671) overnight at 4 degree C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC) with DAB as the chromogen.



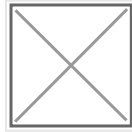
IHC (Immunohistochemistry)

Figure 6. IHC analysis of RbAp48 using anti-RbAp48 antibody (AAA11671).RbAp48 was detected in frozen section of mouse liver tissue. Heat mediated antigen retrieval was performed in citrate buffer (pH6, epitope retrieval solution) for 20 mins. The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1ug/ml rabbit anti-RbAp48 Antibody (AAA11671) overnight at 4 degree C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC) with DAB as the chromogen.



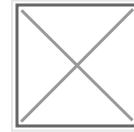
IHC (Immunohistochemistry)

Figure 5. IHC analysis of RbAp48 using anti-RbAp48 antibody (AAA11671).RbAp48 was detected in frozen section of human placenta tissue. Heat mediated antigen retrieval was performed in citrate buffer (pH6, epitope retrieval solution) for 20 mins. The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1ug/ml rabbit anti-RbAp48 Antibody (AAA11671) overnight at 4 degree C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC) with DAB as the chromogen.



IHC (Immunohistochemistry)

Figure 4. IHC analysis of RbAp48 using anti-RbAp48 antibody (AAA11671).RbAp48 was detected in paraffin-embedded section of Human Intestinal Cancer Tissue. Heat mediated antigen retrieval was performed in citrate buffer (pH6, epitope retrieval solution) for 20 mins. The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1ug/ml rabbit anti-RbAp48 Antibody (AAA11671) overnight at 4 degree C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC) with DAB as the chromogen.



IHC (Immunohistochemistry)

Figure 3. IHC analysis of RbAp48 using anti-RbAp48 antibody (AAA11671).RbAp48 was detected in paraffin-embedded section of Rat Intestine Tissue. Heat mediated antigen retrieval was performed in citrate buffer (pH6, epitope retrieval solution) for 20 mins. The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1ug/ml rabbit anti-RbAp48 Antibody (AAA11671) overnight at 4 degree C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC) with DAB as the chromogen.

ADDITIONAL INFORMATION

Related Product Information for anti-RbAp48 antibody	<p>Description: Rabbit IgG polyclonal antibody for Histone-binding protein RBBP4(RBBP4) detection. Tested with WB, IHC-P in Human;Mouse;Rat.</p> <p>Background: Histone-binding protein RBBP4 (also known as RbAp48, or NURF55) is a protein that in humans is encoded by the RBBP4 gene. This gene encodes a ubiquitously expressed nuclear protein which belongs to a highly conserved subfamily of WD-repeat proteins. It is present in protein complexes involved in histone acetylation and chromatin assembly. And 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 part of co-repressor complexes, which is an integral component of transcriptional silencing. It is found among several cellular proteins that bind directly to retinoblastoma protein to regulate cell proliferation. This 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.</p>
References	<p>1. "Entrez Gene: RBBP4 retinoblastoma-binding protein 4". 2. Barak O, Lazzaro MA, Lane WS, Speicher DW, Picketts DJ, Shiekhattar R (November 2003). "Isolation of human NURF: a regulator of Engrailed gene expression". EMBO J 22 (22): 6089-100. 3. Qian YW, Wang YC, Hollingsworth RE Jr, Jones D, Ling N, Lee EY (September 1993). "A retinoblastoma-binding protein related to a negative regulator of Ras in yeast". Nature 364 (6438): 648-52.</p>

NCBI AND UNIPROT INFORMATION

NCBI GI #	207029415
NCBI GeneID	5928
NCBI Accession #	NP_001128727.1
NCBI GenBank Nucleotide #	NM_001135255.1
UniProt Accession #	Q09028; P31149; Q53H02; Q96BV9; B2R6G9; B4DRH0; D3DPQ3
Molecular Weight	43,482 Da
NCBI Official Full Name	histone-binding protein RBBP4 isoform b
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
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/polyclonal/rbap48-antibody-western-blot-immunohistochemistry-elisa/11671>