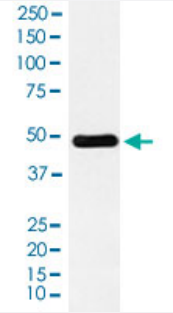
RBBP4 monoclonal antibody, clone AEII-18

Catalog # MAB22229 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of Jurkat cell lysate.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human RBBP4.
Immunogen	A synthetic peptide corresponding to human RBBP4.
Host	Rabbit
Reactivity	Human
Specificity	The antibody reacts with human RBBP4, in native form and recombinant. Superfamily members of RBBP4 are not reactive to this antibody.
Form	Liquid
Purification	Affinity purification
Isotype	IgG

Recommend Usage	Flow Cytometry (1:50) Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) Immunohistochemistry (1:50-1:200) Immunoprecipitation (1:50) Western Blot (1:1000-1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C for short term storage. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

  Western blot analysis of Jurkat cell lysate.

- Immunohistochemistry
- Immunocytochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytometry

Gene Info — RBBP4

Entrez GeneID	5928
Protein Accession#	Q09028
Gene Name	RBBP4
Gene Alias	NURF55, RBAP48
Gene Description	retinoblastoma binding protein 4

Omim ID	602923
Gene Ontology	Hyperlink
Gene Summary	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. It is part of the Mi-2 complex which has been implicated in chromatin re modeling and transcriptional repression associated with histone deacetylation. This encoded prot ein is also part of co-repressor complexes, which is an integral component of transcriptional silen cing. It is found among several cellular proteins that bind directly to retinoblastoma protein to regul ate cell proliferation. This protein also seems to be involved in transcriptional repression of E2F-r esponsive genes. Three transcript variants encoding different isoforms have been found for this g ene. [provided by RefSeq
Other Designations	MSI1 protein homolog|OTTHUMP00000009691|chromatin assembly factor/CAF-1 p48 subunit|ret inoblastoma-binding protein 4|retinoblastoma-binding protein p48

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema