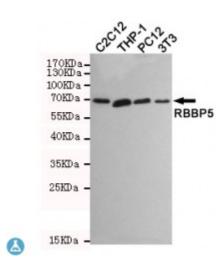


Anti-RBBP5 antibody



Description Mouse monoclonal to RBBP5.

Model STJ99267

Host Mouse

Reactivity Human, Mouse, Rat

Applications ELISA, WB

Immunogen Purified recombinant human RBBP5 protein fragments expressed in E.coli.

Gene ID 5929

Gene Symbol RBBP5

Dilution range WB 1:500-2000ELISA 1:10000-20000

Specificity This antibody detects endogenous levels of RBBP5 and does not cross-react

with related proteins.

Tissue Specificity Ubiquitously expressed.

Purification The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Clone ID 1C9-1C9-H10

Note For Research Use Only (RUO).

Protein Name Retinoblastoma-binding protein 5 RBBP-5 Retinoblastoma-binding protein

RBQ-3

Molecular Weight 70kDa

Clonality Monoclonal

Conjugation Unconjugated

Isotype IgG2a

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Concentration 1 mg/ml

Storage Instruction Store at -20°C, and avoid repeat freeze-thaw cycles.

Database Links <u>HGNC:9888OMIM:600697</u>

Alternative Names Retinoblastoma-binding protein 5 RBBP-5 Retinoblastoma-binding protein

RBQ-3

Function In embryonic stem (ES) cells, plays a crucial role in the differentiation

potential, particularly along the neural lineage, regulating gene induction and H3 'Lys-4' methylation at key developmental loci, including that mediated by retinoic acid. As part of the MLL1/MLL complex, involved in mono-, di- and trimethylation at 'Lys-4' of histone H3. Histone H3 'Lys-4' methylation

represents a specific tag for epigenetic transcriptional activation.

Cellular Localization Nucleus

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