

ARG56345 anti-RBBP5 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes RBBP5
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, IP, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	RBBP5
Species	Human
Immunogen	Recombinant protein of Human RBBP5
Conjugation	Un-conjugated
Alternate Names	RBQ3; Retinoblastoma-binding protein 5; RBBP-5; Retinoblastoma-binding protein RBQ-3; SWD1

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	IHC-P	1:50 - 1:200
	IP	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HeLa	

Properties

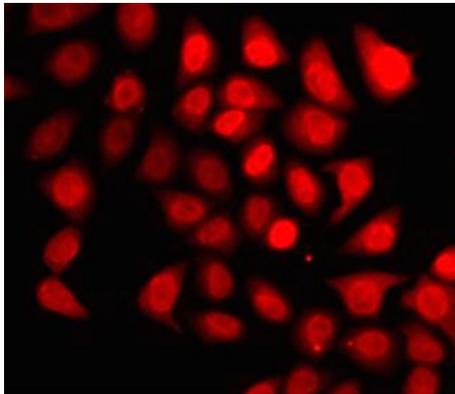
Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

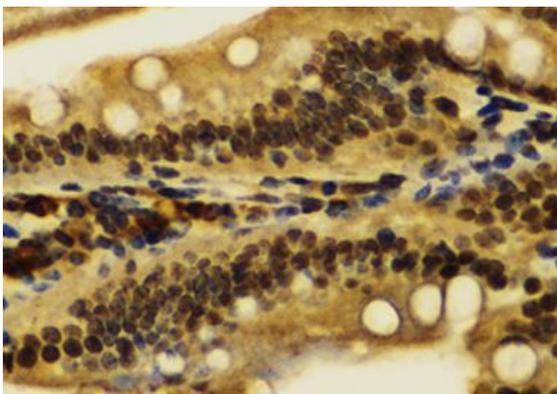
Database links	GeneID: 213464 Mouse GeneID: 5929 Human Swiss-port # Q15291 Human Swiss-port # Q8BX09 Mouse
Gene Symbol	RBBP5
Gene Full Name	retinoblastoma binding protein 5
Background	This gene encodes a ubiquitously expressed nuclear protein which belongs to a highly conserved subfamily of WD-repeat proteins. The encoded protein binds directly to retinoblastoma protein, which regulates cell proliferation. It interacts preferentially with the underphosphorylated retinoblastoma protein via the E1A-binding pocket B. Three alternatively spliced transcript variants that encode different protein isoforms have been described for this gene. [provided by RefSeq, Jul 2010]
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 (By similarity). 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. [UniProt]
Calculated Mw	59 kDa

Images



ARG56345 anti-RBBP5 antibody ICC/IF image

Immunofluorescence: U2OS cells stained with ARG56345 anti-RBBP5 antibody.

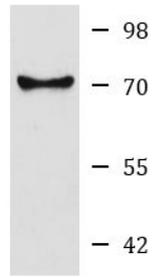


ARG56345 anti-RBBP5 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Rat Intestine stained with ARG56345 anti-RBBP5 antibody at 1:100 dilution.

ARG56345 anti-RBBP5 antibody WB image

Western blot: HeLa cell lysate stained with ARG56345 anti-RBBP5 antibody.



HeLa
