

ARG45493 anti-RBM14 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes RBM14
Tested Reactivity	Hu
Tested Application	FACS, ICC/IF, WB
Specificity	RBM14
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	RBM14
Species	Human
Immunogen	Recombinant protein containing to human RBM14.
Conjugation	Un-conjugated
Alternate Names	RBM14; RNA Binding Motif Protein 14; SIP; SYTIP1; COAA; RRM-Containing Coactivator Activator/Modulator; Synaptotagmin-Interacting Protein; SYT-Interacting Protein; RNA-Binding Protein 14; Paraspeckle Protein 2; DKFZp779J0927; PSP2; RNA-Binding Motif Protein 14; Transmembrane Protein 137; SYT Interacting Protein; Coactivator Activator; TMEM137

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	ICC/IF	5 µg/ml
	WB	0.1-0.25 µg/ml
	Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Powder
Purification	Affinity purified
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
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 or below. 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.

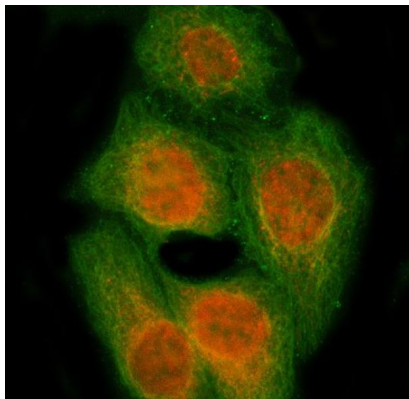
Note

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

Bioinformation

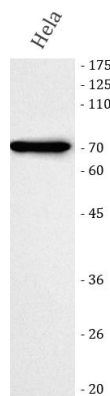
Gene Symbol	RBM14
Gene Full Name	RNA Binding Motif Protein 14
Background	This gene encodes a ribonucleoprotein that functions as a general nuclear coactivator, and an RNA splicing modulator. This protein contains two RNA recognition motifs (RRM) at the N-terminus, and multiple hexapeptide repeat domain at the C-terminus that interacts with thyroid hormone receptor-binding protein (TRBP), and is required for transcription activation. Alternatively spliced transcript variants encoding different isoforms (with opposing effects on transcription) have been described for this gene. [provided by RefSeq, Oct 2011]
Function	Isoform 1 may function as a nuclear receptor coactivator, enhancing transcription through other coactivators such as NCOA6 and CITED1. Isoform 2, functions as a transcriptional repressor, modulating transcriptional activities of coactivators including isoform 1, NCOA6 and CITED1 [UniProt]
Calculated Mw	69 kDa
PTM	Acetylation; Isopeptide bond; Phosphoprotein; Ubl conjugation. [UniProt]
Cellular Localization	Cytoplasm; Nucleus. [UniProt]

Images



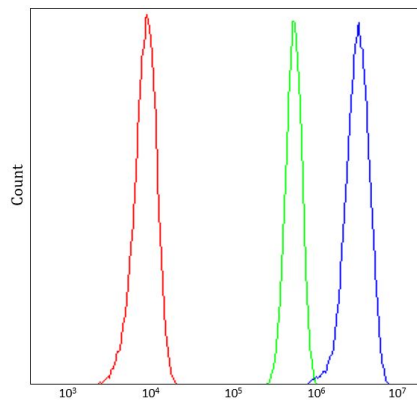
ARG45493 anti-RBM14 antibody ICC/IF image

Immunofluorescence: HeLa stained with ARG45493 anti-RBM14 antibody at 5 µg/ml dilution.



ARG45493 anti-RBM14 antibody WB image

Western blot: HeLa stained with ARG45493 anti-RBM14 antibody at 0.5 µg/ml dilution.



ARG45493 anti-RBM14 antibody FACS image

Flow Cytometry: Hela stained with ARG45493 anti-RBM14 antibody at $1\text{ }\mu\text{g}/10^6$ cells dilution.