

## ARG44112 anti-NUFIP1 antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal recognizes NUFIP1
Tested Reactivity	Hu
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	NUFIP1
Species	Human
Immunogen	Human NUFIP1 recombinant protein (Position: Q66-D481).
Conjugation	Un-conjugated
Alternate Names	NUFIP1; Nuclear FMR1 Interacting Protein 1; NUFIP; Rsa1; Nuclear FMRP-Interacting Protein 1; FMR1-Interacting Protein NUFIP1; Nuclear Fragile X Mental Retardation Protein Interacting Protein 1; NUFIP1, FMR1 Interacting Protein 1; Nuclear FMR1-Interacting Protein 1; BA540M5.1

### Application Instructions

Application table	Application	Dilution
	ICC/IF	5 µg/ml
	WB	0.25 - 0.5 µg/ml
Application Note	The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

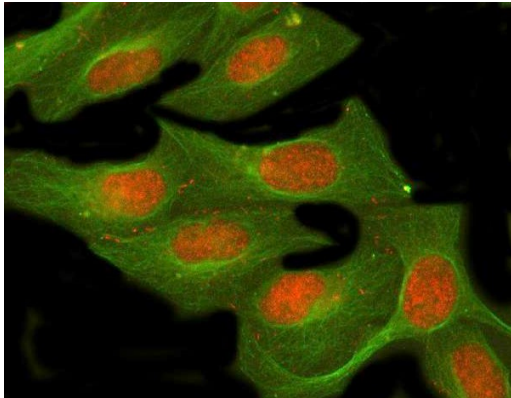
### Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.05% Sodium azide and 4% Trehalose.
Preservative	0.05% Sodium azide
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

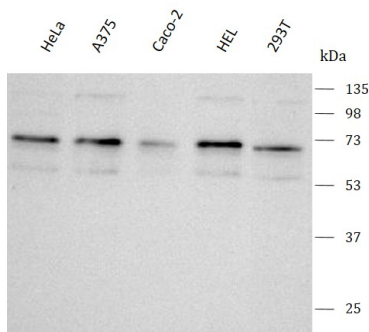
Gene Symbol	NUFIP1
Gene Full Name	Nuclear FMR1 Interacting Protein 1
Background	This gene encodes a nuclear RNA binding protein that contains a C2H2 zinc finger motif and a nuclear localization signal. This protein is associated with the nuclear matrix in perichromatin fibrils and, in neurons, localizes to the cytoplasm in association with endoplasmic reticulum ribosomes. This protein interacts with the fragile X mental retardation protein (FMRP), the tumor suppressor protein BRCA1, upregulates RNA polymerase II transcription, and is involved in box C/D snoRNP biogenesis. A pseudogene of this gene resides on chromosome 6q12.
Function	Binds RNA.
Calculated Mw	56 kDa
PTM	Phosphoprotein
Cellular Localization	Nucleus

## Images



ARG44112 anti-NUFIP1 antibody ICC/IF image

Immunofluorescence: U2OS stained with ARG44112 anti-NUFIP1 antibody at 5 µg/ml dilution.



ARG44112 anti-NUFIP1 antibody WB image

Western blot: HeLa, A375, Caco-2, HEL and 293T stained with ARG44112 anti-NUFIP1 antibody at 0.5 µg/ml dilution.