



Rabbit Anti-NUFIP2 antibody

SL4403R

Product Name:	NUFIP2
Chinese Name:	NUFIP2蛋白抗体
Alias:	82 kDa FMRP-interacting protein; 82-FIP; Cell proliferation-inducing gene 1 protein; FMRP-interacting protein 2; Nuclear fragile X mental retardation-interacting protein 2; NUFIP2; NUFP2_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Rabbit,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	76kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human NUFIP2:101-200/695
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	Preservative: 15mM Sodium Azide, Constituents: 1% BSA, 0.01M PBS, pH 7.4
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	NUFIP2 (NUFIP2, FMR1 Interacting Protein 2) is a Protein Coding gene. Diseases associated with NUFIP2 include Chromosome 17Q11.2 Deletion Syndrome, 1.4-Mb and Chromosome 17Q11.2 Deletion Syndrome. GO annotations related to this gene include poly(A) RNA binding and RNA binding.

Function:

Binds RNA.

Subcellular Location:

Nucleus. Cytoplasm. Distribution is cell cycle-modulated, being cytoplasmic in the G2/M phase and accumulating in nucleus during the G1 phase.

Post-translational modifications:

Phosphorylated upon DNA damage, probably by ATM or ATR.

SWISS:

Q7Z417

Gene ID:

57532

Database links:

[Entrez Gene: 57532](#) Human

[Entrez Gene: 68564](#) Mouse

[Omim: 609356](#) Human

[SwissProt: Q7Z417](#) Human

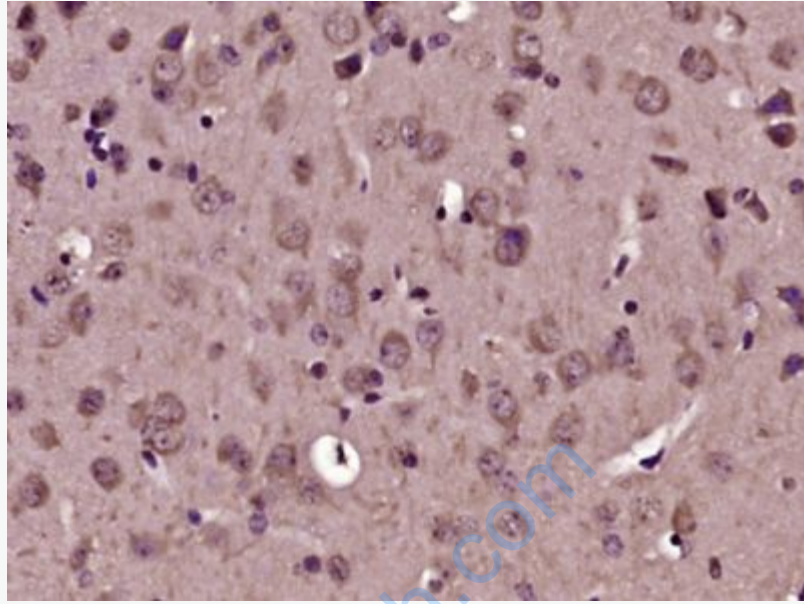
[SwissProt: Q5F2E7](#) Mouse

[Unigene: 462598](#) Human

[Unigene: 428996](#) Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.



Picture:

Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (NUFIP2) Polyclonal Antibody, Unconjugated (SL4403R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.