10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

NUFIP2 Rabbit pAb

NUFIP2 Rabbit pAb
Catalog # AP58187

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q7Z417
Reactivity	Mouse
Predicted	Human, Rat, Rabbit
Host	Rabbit
Clonality	Polyclonal
Calculated MW	76121
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human NUFIP2
Epitope Specificity	101-200/695
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	Preservative: 0.02% Proclin300, Constituents: 1% BSA, 0.01M PBS, pH7.4.
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.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

Additional Information

Gene ID	57532
Other Names	FMR1-interacting protein NUFIP2, 82 kDa FMRP-interacting protein, 82-FIP, Cell proliferation-inducing gene 1 protein, FMRP-interacting protein 2, Nuclear FMR1-interacting protein 2 {ECO:0000312|HGNC:HGNC:17634}, NUFIP2 (HGNC:17634), KIAA1321
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

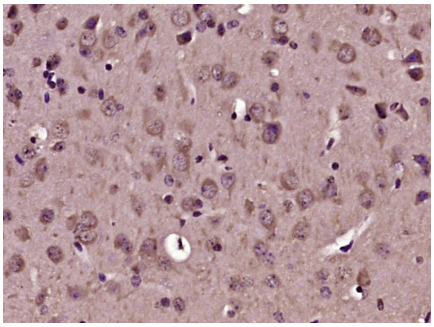
Protein Information

Name	NUFIP2 (HGNC:17634)
Synonyms	KIAA1321
Function	Binds RNA.
Cellular Location	Nucleus. Cytoplasm. Cytoplasm, Stress granule. Note=Distribution is cell cycle- modulated, being cytoplasmic in the G2/M phase and accumulating in nucleus during the G1 phase (PubMed:12837692)

Background

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.

Images



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 (AP58187) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.