

LINE 1 ORF1p Rabbit mAb

Catalog # AP76571

Product Information

Application	WB, IHC-P, FC, IP
Primary Accession	Q9UN81
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	40056

Additional Information

Other Names	L1RE1
Dilution	WB~~1:1000 IHC-P~~N/A FC~~1:10~50 IP~~N/A
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

Name	L1RE1
Synonyms	LRE1
Function	Nucleic acid-binding protein which is essential for retrotransposition of LINE-1 elements in the genome. Functions as a nucleic acid chaperone binding its own transcript and therefore preferentially mobilizing the transcript from which they are encoded.
Cellular Location	Nucleus, nucleolus. Cytoplasm. Cytoplasm, Cytoplasmic ribonucleoprotein granule. Cytoplasm, Stress granule Note=Colocalizes with its encoding RNA in cytoplasmic ribonucleoprotein particle (PubMed:16183655). Mainly cytoplasmic, rarely detected in the nucleus, possibly within the nucleolus (PubMed:17562864)

Background

Nucleic acid-binding protein which is essential for retrotransposition of LINE-1 elements in the genome.

Functions as a nucleic acid chaperone binding its own transcript and therefore preferentially mobilizing the transcript from which they are encoded.

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