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LUC7L2 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9549a

Product Information

Application	WB, IHC-P, FC, E
Primary Accession	Q9Y383
Other Accession	Q7TNC4
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB24191
Calculated MW	46514
Antigen Region	341-369

Additional Information

Gene ID	51631
Other Names	Putative RNA-binding protein Luc7-like 2, LUC7L2
Target/Specificity	This LUC7L2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 341-369 amino acids from the C-terminal region of human LUC7L2.
Dilution	WB~~1:1000 IHC-P~~1:100~500 FC~~1:10~50 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	LUC7L2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	LUC7L2
Function	May bind to RNA via its Arg/Ser-rich domain.

Cellular Location	Nucleus speckle {ECO:0000250|UniProtKB:Q7TNC4}. Nucleus, nucleoplasm {ECO:0000250|UniProtKB:Q7TNC4}. Note=Colocalizes with SCNM1 and SNRNP70 in nuclear speckles {ECO:0000250|UniProtKB:Q7TNC4}

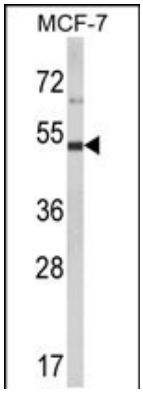
Background

LUC7L2 may bind to RNA via its Arg/Ser-rich domain.

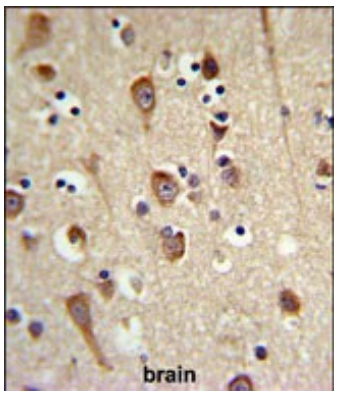
References

?Webby, C.J., et al. Science 325(5936):90-93(2009)
?Howell, V.M., et al. Hum. Mol. Genet. 16(20):2506-2516(2007)
?Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007)
?Matsuoka, S., et al. Science 316(5828):1160-1166(2007)
?Puig, O., et al. Nucleic Acids Res. 35(17):5874-5885(2007)
?Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) :

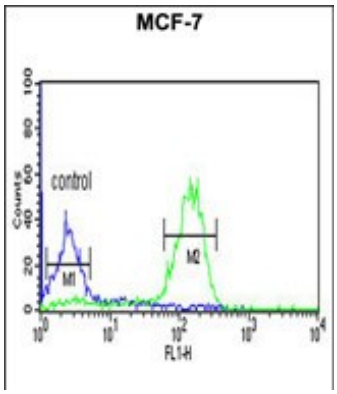
Images



Western blot analysis of LUC7L2 Antibody (C-term) (Cat. #AP9549a) in MCF-7 cell line lysates (35ug/lane). LUC7L2 (arrow) was detected using the purified Pab.



LUC7L2 Antibody (C-term) (Cat. #AP9549a) IHC analysis in formalin fixed and paraffin embedded brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the LUC7L2 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



LUC7L2 Antibody (C-term) (Cat. #AP9549a) flow cytometric analysis of MCF-7 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.