

Anti-LUC7L2 Antibody

Catalog # AP60776

Product Information

Application	WB, IHC, IF/IC
Primary Accession	Q9Y383
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	46514

Additional Information

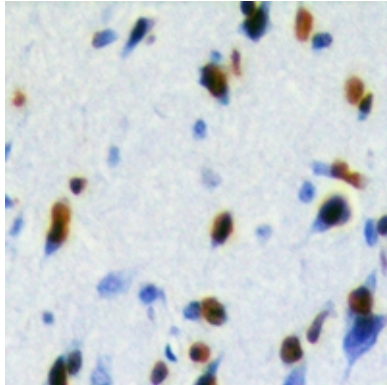
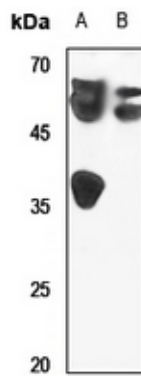
Gene ID	51631
Other Names	Putative RNA-binding protein Luc7-like 2
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human LUC7L2. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000), IHC (1/100 - 1/200) IHC~~WB (1/500 - 1/1000), IHC (1/100 - 1/200) IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

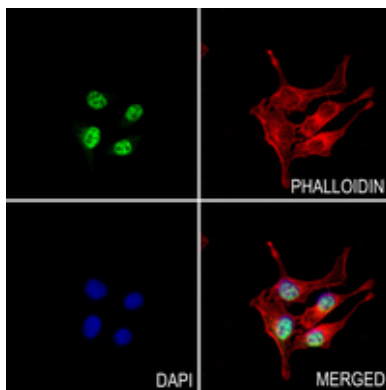
Name	LUC7L2
Function	May bind to RNA via its Arg/Ser-rich domain.
Cellular Location	Nucleus speckle {ECO:0000250 UniProtKB:Q7TNC4}. Nucleus, nucleoplasm {ECO:0000250 UniProtKB:Q7TNC4}. Note=Colocalizes with SCNM1 and SNRNP70 in nuclear speckles {ECO:0000250 UniProtKB:Q7TNC4}

Images

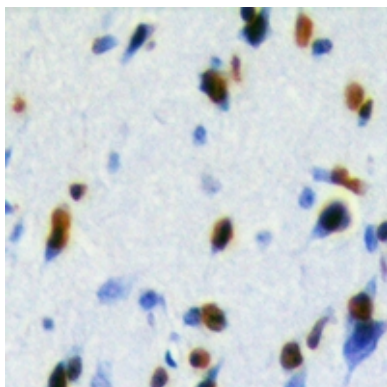
Western blot analysis of LUC7L2 expression in HEK293T (A), PC3 (B) whole cell lysates. (Predicted band size: 46 kD; Observed band size: 55 kD)



Immunohistochemical analysis of LUC7L2 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of LUC7L2 staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



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