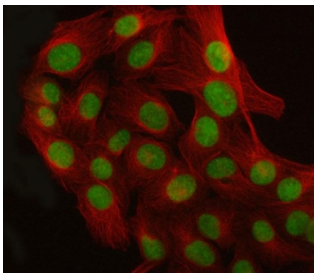
LUC7L3 Antibody / Luc7-like protein 3 / CROP (RQ8479)

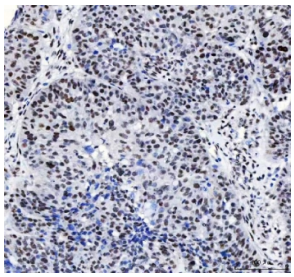
Catalog No.	Formulation	Size
RQ8479	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	O95232
Localization	Nuclear
Applications	Western Blot : 0.5-1ug/ml Immunohistochemistry (FFPE) : 2-5ug/ml Immunofluorescence : 5ug/ml Flow Cytometry : 1-3ug/million cells ELISA : 0.1-0.5ug/ml
Limitations	This LUC7L3 antibody is available for research use only.

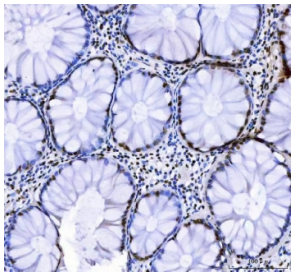


Immunofluorescent staining of FFPE human U-2 OS cells with LUC7L3 antibody (green) and Beta Tubulin mAb (red). HIER: steam section in pH6 citrate buffer for 20 min.

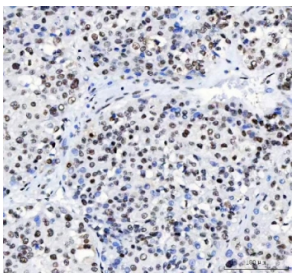


IHC staining of FFPE human ovarian serous adenocarcinoma tissue with LUC7L3 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.

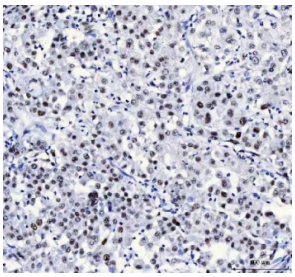
IHC staining of FFPE human large B-cell lymphoma of the colon with LUC7L3 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



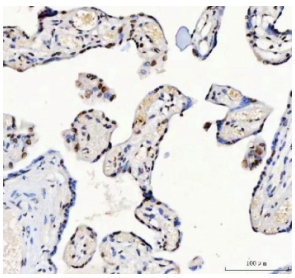
IHC staining of FFPE human highly differentiated adenocarcinoma of the colon with LUC7L3 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



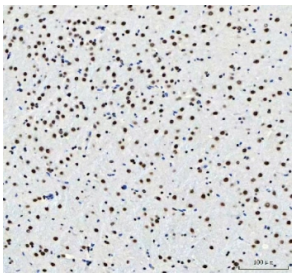
IHC staining of FFPE human liver cancer tissue with LUC7L3 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



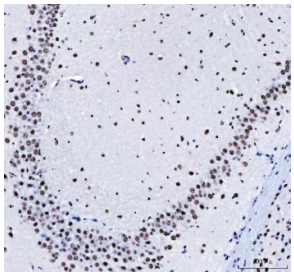
IHC staining of FFPE human lung cancer tissue with LUC7L3 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human placental tissue with LUC7L3 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE mouse brain tissue with LUC7L3 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



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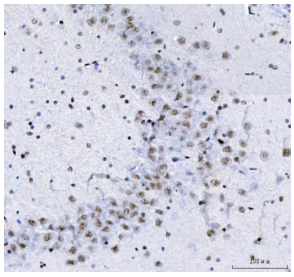

IHC staining of FFPE rat brain tissue with LUC7L3 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.

Description

LUC7 like 3 pre-mRNA splicing factor (LUC7L3), also known as Cisplatin resistance-associated overexpressed protein, or CROP, is a human gene. This gene encodes a protein with an N-terminal half that contains cysteine/histidine motifs and leucine zipper-like repeats, and the C-terminal half is rich in arginine and glutamate residues (RE domain) and arginine and serine residues (RS domain). This protein localizes with a speckled pattern in the nucleus, and could be involved in the formation of splicesome via the RE and RS domains. Two alternatively spliced transcript variants encoding the same protein have been found for this gene.

Application Notes

Optimal dilution of the LUC7L3 antibody should be determined by the researcher.

Immunogen

An E.coli-derived human recombinant protein (amino acids D30-H211) was used as the immunogen for the LUC7L3 antibody.

Storage

After reconstitution, the LUC7L3 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.