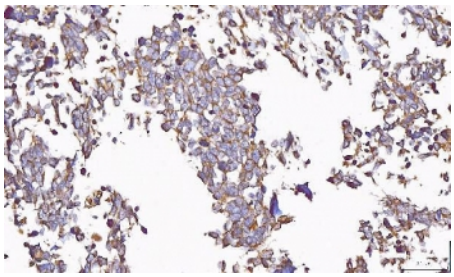
Uridylate-specific endoribonuclease Antibody / PP11 / ENDOU (RQ6982)

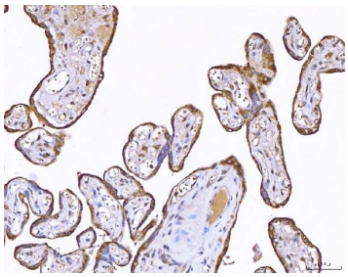
Catalog No.	Formulation	Size
RQ6982	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

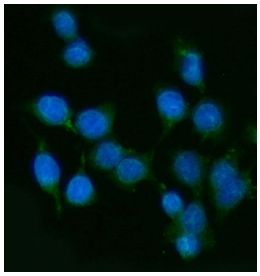
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P21128
Applications	Western Blot : 0.5-1 ug/ml Immunohistochemistry (FFPE) : 2-5ug/ml Immunofluorescence : 5ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This Uridylate-specific endoribonuclease antibody is available for research use only.



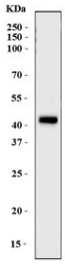
IHC staining of FFPE human lung cancer tissue with Uridylate-specific endoribonuclease antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



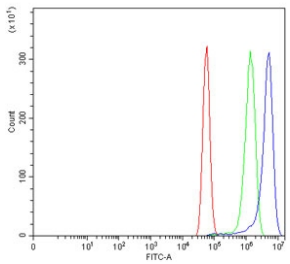
IHC staining of FFPE human placental tissue with Uridylate-specific endoribonuclease antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Immunofluorescent staining of FFPE human Caco-2 cells with Uridylate-specific endoribonuclease antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of human placental tissue with Uridylate-specific endoribonuclease antibody. Predicted molecular weight ~47 kDa.



Flow cytometry testing of human U-87 MG cells with Uridylate-specific endoribonuclease antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Uridylate-specific endoribonuclease antibody.

Description

Endonuclease, poly(U) specific is a protein that in humans is encoded by the ENDOU gene. This gene encodes a protein with endoribonuclease activity that binds polyuridine-enriched single-stranded RNA. This gene was initially characterized based on its high expression in placenta but was mischaracterized as a serine protease. In mouse, this gene promotes tolerance to self-antigens by regulating B cell activation-induced cell death (AICD). The protein may be useful as a tumor marker. Multiple alternatively spliced transcript variants encoding distinct protein isoforms have been found for this gene.

Application Notes

Optimal dilution of the Uridylate-specific endoribonuclease antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids K20-T386) was used as the immunogen for the Uridylate-specific endoribonuclease antibody.

Storage

After reconstitution, the Uridylate-specific endoribonuclease antibody can be stored for up to one month at 4oC. For long-

term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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