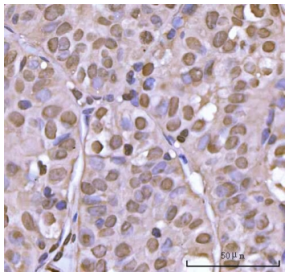
NEIL3 Antibody / Endonuclease 8-like 3 (RQ8223)

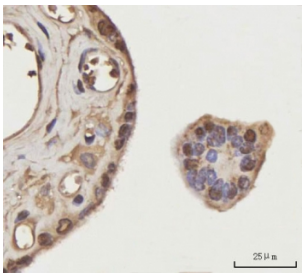
Catalog No.	Formulation	Size
RQ8223	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

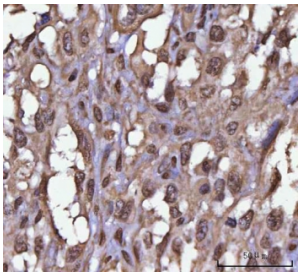
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q8TAT5
Localization	Nuclear
Applications	Western blot: 0.5-1ug/ml Immunohistochemistry (FFPE): 2-5ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This NEIL3 antibody is available for research use only.



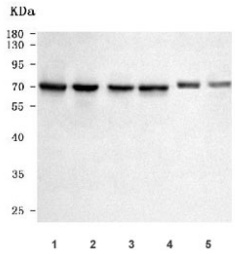
IHC staining of FFPE human thyroid papillary carcinoma tissue with NEIL3 antibody.
HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human placental tissue with NEIL3 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human urothelial carcinoma tissue with NEIL3 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of 1) human 293T, 2) human A431, 3) human Jurkat, 4) human ThP-1, 5) rat liver and 6) mouse liver tissue lysate with NEIL3 antibody. Predicted molecular weight ~68 kDa.

Description

Nei endonuclease VIII-like 3 (E. coli) is a protein in humans that is encoded by the NEIL3 gene. NEIL3 belongs to a class of DNA glycosylases homologous to the bacterial Fpg/Nei family. These glycosylases initiate the first step in base excision repair by cleaving bases damaged by reactive oxygen species and introducing a DNA strand break via the associated lyase reaction.

Application Notes

Optimal dilution of the NEIL3 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids K244-K585) was used as the immunogen for the NEIL3 antibody.

Storage

After reconstitution, the NEIL3 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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