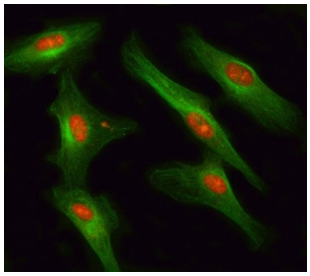
RSBN1 Antibody / Round spermatid basic protein 1 (RQ7923)

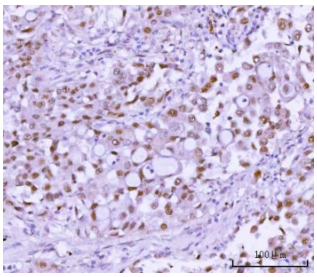
Catalog No.	Formulation	Size
RQ7923	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

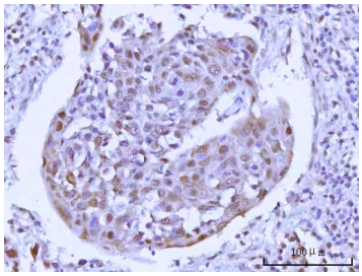
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q5VWQ0
Localization	Nuclear
Applications	Western Blot : 0.5-1ug/ml Immunohistochemistry (FFPE) : 2-5ug/ml Immunofluorescence (FFPE) : 5ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This RSBN1 antibody is available for research use only.



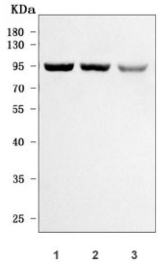
Immunofluorescent staining of FFPE human U-87 MG cells with RSBN1 antibody (red) and Beta Tubulin mAb (green). HIER: steam section in pH6 citrate buffer for 20 min.



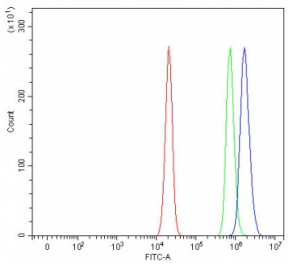
IHC staining of FFPE human lung adenocarcinoma tissue with RSBN1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human esophageal squamous carcinoma tissue with RSBN1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of human 1) MCF7, 2) MOLT4 and 3) K562 cell lysate with RSBN1 antibody. Predicted molecular weight ~90 kDa.



Flow cytometry testing of human U-2 OS cells with RSBN1 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= RSBN1 antibody.

Description

Predicted to enable dioxygenase activity and metal ion binding activity. Predicted to be involved in chromatin organization. Predicted to be active in nucleus.

Application Notes

Optimal dilution of the RSBN1 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids M1-S798) was used as the immunogen for the RSBN1 antibody.

Storage

After reconstitution, the RSBN1 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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