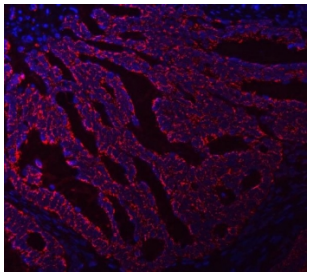
ASNS Antibody / Asparagine Synthetase (RQ7786)

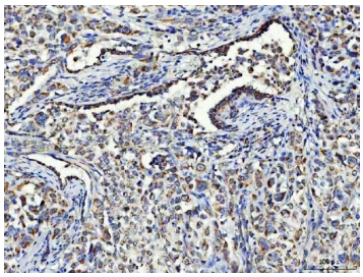
Catalog No.	Formulation	Size
RQ7786	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

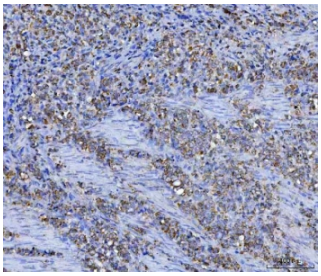
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P08243
Localization	Cytoplasmic
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells Immunofluorescence: 5ug/ml Immunohistochemistry (FFPE): 2-5ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This ASNS antibody is available for research use only.



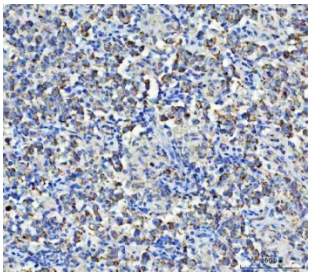
Immunofluorescent staining of FFPE human intestinal cancer tissue with ASNS antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH8 EDTA buffer for 20 min.



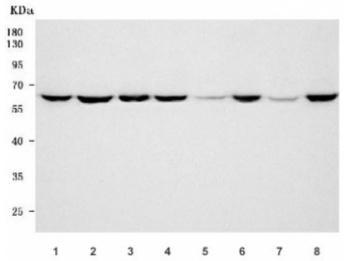
IHC staining of FFPE human lung cancer tissue with ASNS antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



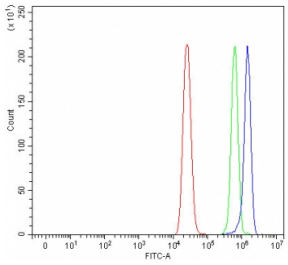
IHC staining of FFPE human gastric carcinoma tissue with ASNS antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human testicular germ cell tumor tissue with ASNS antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of 1) human Jurkat, 2) human HeLa, 3) human K562, 4) human MCF7, 5) rat testis, 6) rat liver, 7) mouse testis and 8) mouse liver tissue lysat with ASNS antibody. Predicted molecular weight ~64 kDa.



Flow cytometry testing of human MCF7 cells with ASNS antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= ASNS antibody.

Description

The protein encoded by this gene is involved in the synthesis of asparagine. This gene complements a mutation in the temperature-sensitive hamster mutant ts11, which blocks progression through the G1 phase of the cell cycle at nonpermissive temperature. Alternatively spliced transcript variants have been described for this gene.

Application Notes

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

Immunogen

E. coli-derived recombinant human protein (amino acids M1-D531) was used as the immunogen for the ASNS antibody.

Storage

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

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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