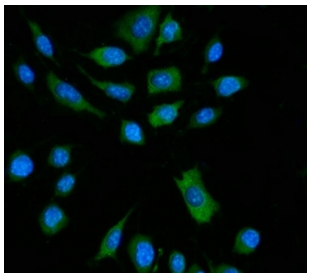
Zbp1 Antibody / Z-DNA-binding protein 1 / Dai (RQ6581)

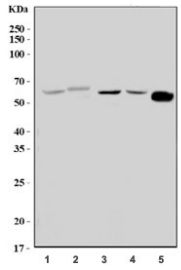
Catalog No.	Formulation	Size
RQ6581	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	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	Q9QY24
Localization	Cytoplasmic, nuclear
Applications	Western blot: 1-2ug/ml Immunofluorescence (FFPE): 5ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This Zbp1 antibody is available for research use only.



Immunofluorescent staining of FFPE mouse RM-1 cells with Zbp1 antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of 1) rat liver, 2) mouse kidney, 3) mouse HEPA1-6, 4) rat thymus and 5) mouse thymus tissue lysate with Zbp1 antibody. Predicted molecular weight: 15-49 kDa (multiple isoforms) but can be observed at up to ~60 kDa.

Description

Z-DNA-binding protein 1, also known as DNA-dependent activator of IFN-regulatory factors (DAI) and DLM-1, is a protein that in humans is encoded by the ZBP1 gene. This gene encodes a Z-DNA binding protein. The encoded protein plays a role in the innate immune response by binding to foreign DNA and inducing type-I interferon production. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

Application Notes

Optimal dilution of the Zbp1 antibody should be determined by the researcher.

Immunogen

Recombinant mouse protein (amino acids A2-D382) was used as the immunogen for the Zbp1 antibody.

Storage

After reconstitution, the Zbp1 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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