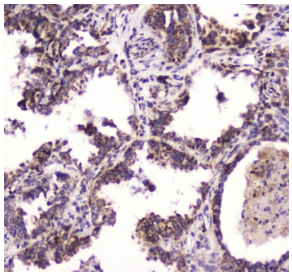
BRD7 Antibody (RQ4286)

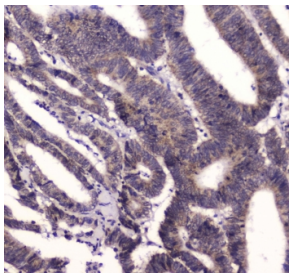
Catalog No.	Formulation	Size
RQ4286	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

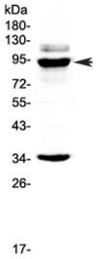
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q9NPI1
Localization	Predominantly nuclear
Applications	Western blot: 0.5-1ug/ml IHC (FFPE): 1-2ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This BRD7 antibody is available for research use only.



IHC testing of FFPE human lung cancer tissue with BRD7 antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



IHC testing of FFPE human colon cancer tissue with BRD7 antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Western blot testing of human SW620 cell lysate with BRD7 antibody at 0.5ug/ml. Predicted molecular weight ~74 kDa, observed here at ~90 kDa.

Description

Bromodomain-containing protein 7 is a protein that in humans is encoded by the BRD7 gene. This gene encodes a protein which is a member of the bromodomain-containing protein family. The product of this gene has been identified as a component of one form of the SWI/SNF chromatin remodeling complex, and as a protein which interacts with p53 and is required for p53-dependent oncogene-induced senescence which prevents tumor growth. Pseudogenes have been described on chromosomes 2, 3, 6, 13 and 14. Alternative splicing results in multiple transcript variants.

Application Notes

Optimal dilution of the BRD7 antibody should be determined by the researcher.

Immunogen

A recombinant human protein corresponding to amino acids T514-R567 was used as the immunogen for the BRD7 antibody.

Storage

After reconstitution, the BRD7 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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