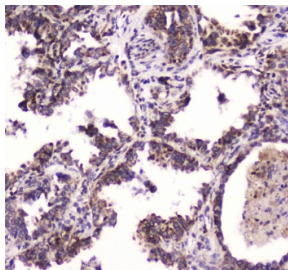


## BRD7 Antibody (RQ4286)

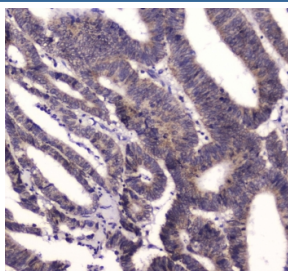
Catalog No.	Formulation	Size
RQ4286	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

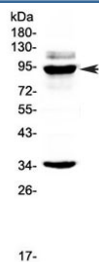
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
<b>UniProt</b>	Q9NPI1
<b>Localization</b>	Predominantly nuclear
<b>Applications</b>	Western Blot : 0.5-1ug/ml IHC (FFPE) : 1-2ug/ml Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	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.