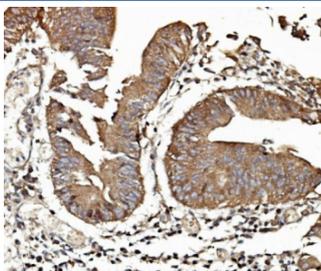


## TAB2 Antibody (RQ5767)

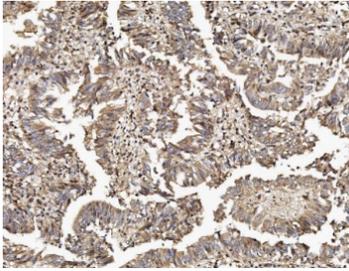
Catalog No.	Formulation	Size
RQ5767	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

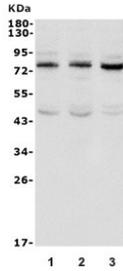
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
<b>UniProt</b>	Q9NYJ8
<b>Applications</b>	Western Blot : 0.5-1ug/ml Immunohistochemistry : 1-2ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This TAB2 antibody is available for research use only.



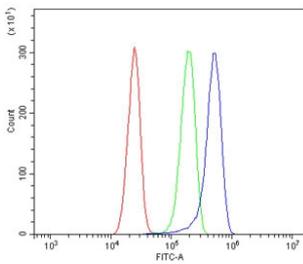
IHC staining of FFPE human rectal cancer with TAB2 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



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Western blot testing of human 1) HeLa, 2) A549 and 3) HepG2 cell lysate with TAB2 antibody. Predicted molecular weight ~72 kDa.



Flow cytometry testing of human U-87 MG cells with TAB2 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= TAB2 antibody.

## Description

Mitogen-activated protein kinase kinase kinase 7-interacting protein 2, also known as TAB2, is an enzyme that in humans is encoded by the MAP3K7IP2 gene. The protein encoded by this gene is an activator of MAP3K7/TAK1, which is required for the IL-1 induced activation of nuclear factor kappaB and MAPK8/JNK. This protein forms a kinase complex with TRAF6, MAP3K7 and TAB1, thus serves as an adaptor linking MAP3K7 and TRAF6. TAB2 functionally links TAK1 to TRAF6. What's more, TAB2 can act as a sensor for inflammatory signals by serving as a molecular beacon for recruitment of MEKK1(MAP3K1), which in turn mediated dismissal of the NCOR/HDAC complex and permitted derepression of AR and estrogen receptor target genes.

## Application Notes

Optimal dilution of the TAB2 antibody should be determined by the researcher.

## Immunogen

Recombinant human protein (amino acids Q169-K522) was used as the immunogen for the TAB2 antibody.

## Storage

After reconstitution, the TAB2 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

