

Rabbit Anti-TAB3 Polyclonal: RC0295

Intended Use: For Research Use Only

Description: TAB1, TAB2 and TAB3 (for TAK1 binding proteins) interact with the MAPKKK TAK1 in response to various stimuli. TAB1 activates TAK1 in TGF- β mediated signaling. In response to proinflammatory signals, TAB2 complexes with TRAF6 and TAK1, leading to translocation of the complex from the membrane to the cytosol and the subsequent activation of TAK1. TAB3 functions in the NF-kappaB signal transduction pathway. The encoded protein, and the similar and functionally redundant protein MAP3K7IP2/TAB2, forms a ternary complex with the protein kinase MAP3K7/TAK1 and either TRAF2 or TRAF6 in response to stimulation with the pro-inflammatory cytokines TNF or IL-1. Subsequent MAP3K7/TAK1 kinase activity triggers a signaling cascade leading to activation of the NF-kappaB transcription factor. The human genome contains a related pseudogene. Alternatively spliced transcript variants have been described, but their biological validity has not been determined.

Specifications

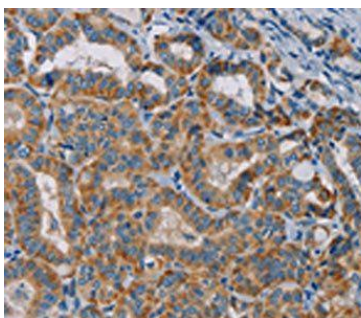
Clone: Polyclonal
 Source: Rabbit
 Isotype: IgG
 Reactivity: Human, mouse
 Immunogen: Fusion protein of human TAB3
 Localization: Membrane
 Formulation: Antibody in PBS pH7.4, containing BSA and \leq 0.09% sodium azide (NaN₃)
 Storage: Store at 2°- 8°C
 Applications: IHC, WB
 Package:

Description	Catalog No.	Size
TAB3 Concentrated	RC0295	1 ml

IHC Procedure*

Positive Control Tissue: Thyroid cancer, brain
 Concentrated Dilution: 10-50
 Pretreatment: Tris EDTA pH9.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C
 Incubation Time and Temp: Overnight @ 4°C
 Detection: Refer to the detection system manual

* Result should be confirmed by an established diagnostic procedure.



FFPE human thyroid cancer stained with anti-TAB3 using DAB

References:

1. Hepatitis B Virus Stimulated Fibronectin Facilitates Viral Maintenance and Replication through Two Distinct Mechanisms. Ren S, et al. PLoS One 11:e0152721, 2016.
2. TRIM38 inhibits TNF α - and IL-1 β -triggered NF- κ B activation by mediating lysosome-dependent degradation of TAB2/3. Hu MM, et al. Proc Natl Acad Sci U S A 111:1509-14, 2014.

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Rev. A