

Anti-TAB1 Antibody (3P371)

Product Details

Ig Type:	IgG1, Kappa
Reactivity:	Human, Mouse (predicted: Rat)
Clone:	3P371
Purification:	Protein G purified

Applications

Verified Activity:	1. Blocking buffer: 5% NFDM/TBST
	Primary ab dilution: 1:1000
	Primary ab incubation condition: room temperature 2 h
	Secondary ab: Goat Anti-Mouse IgG H&L (HRP)
	Lysate: HeLa, 293
	Protein loading quantity: 20 µg
	Exposure time: 60 s
	Predicted MW: 60 kDa
	Observed MW: 60 kDa
	2. Blocking buffer: 5% NFDM/TBST
	Primary ab dilution: 1:1000
	Primary ab incubation condition: room temperature 2 h
	Secondary ab: Goat Anti-Mouse IgG H&L (HRP)
	Lysate: 4T1, Mouse brain, F9, Rat brain
Protein loading quantity: 20 µg	
Exposure time: 30 s	
Predicted MW: 60 kDa	
Observed MW: 60 kDa	
Application:	WB
Recommended	WB: 1:500-1000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Gene ID: 10454

Research Background

TAB1 was identified as a regulator of the MAP kinase kinase kinase TAK1/MAP3K7, which is known to mediate various intracellular signaling pathways, such as those induced by TGF beta and members of the Toll IL 1R (TIR) superfamily, thus acting as an intermediate in both proliferative and innate and adaptive immune responses. This protein, together with either TAB2 or TAB3, activates TAK1 kinase in response to upstream signals. It has been shown that the C terminal portion of TAB1 is sufficient for binding and activation of TAK1, while a portion of the N terminus acts as a dominant negative inhibitor of TGF beta, demonstrating how this protein can function as a mediator between TGF beta receptors and TAK1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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