

## Anti-TAB2 Antibody

Catalog Number: A02499

### About TAB2

TAB2 is an activator of MAP3K7/TAK1, which is required for for the IL-1 induced activation NF-kappaB and MAPK8/JNK. This protein forms a kinase complex with TRAF6, MAP3K7 and TAB1, thus serves as an adaptor linking MAP3K7 and TRAF6. This protein, TAB1, and MAP3K7 also participate in the signal transduction induced by TNFSF11/RANKL through the activation of the receptor activator of NF-kappaB (TNFRSF11A/RANK), which may regulate the development and function of osteoclasts. Recent experiments have shown that TAB2 and the related protein TAB3 constitutively interact with the autophagy mediator Beclin-1; upon induction of autophagy, these proteins dissociate from Beclin-1 and bind TAK1. Overexpression of TAB2 and TAB3 inhibit autophagy, while their depletion triggers it, suggesting that TAB2 and TAB3 act as a control point for autophagy.

### Overview

Product Name	Anti-TAB2 Antibody
Reactive Species	Human
Description	Boster Bio Anti-TAB2 Antibody (Catalog # A02499). Tested in ELISA, IHC-P applications. This antibody reacts with Human.
Application	ELISA, IHC-P
Clonality	Polyclonal
Formulation	TAB2 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	TAB2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q9NYJ8

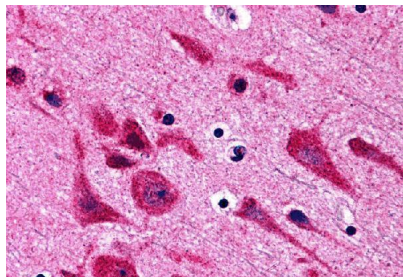
### Technical Details

Immunogen	TAB2 antibody was raised against a 14 amino acid synthetic peptide near the carboxy terminus of human TAB2. The immunogen is located within the last 50 amino acids of TAB2.
Predicted Reactive Species	Mouse, Rat
Cross Reactivity	TAB2 antibody is human specific. TAB2 antibody is predicted not to cross-react with other TAB proteins.
Isotype	IgG
Form	Liquid

Concentration	1 mg/mL
Purification	TAB2 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	TAB2 antibody can be used for detection of TAB2 by immunohistochemistry at 5 ug/mL. Antibody validated: Immunohistochemistry in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

## Anti-TAB2 Antibody (A02499) Images

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Immunohistochemistry of TAB2 in human brain tissue with TAB2 antibody at 5 ug/mL.

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Anti-TAB2 Antibody

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