Datasheet for ABIN548637

anti-TAB1 antibody (C-Term)

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Overview

Quantity:	400 µL
Target:	TAB1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TAB1 antibody is un-conjugated
Application:	ELISA, Dot Blot (DB)

Product Details

Purpose:	Rabbit polyclonal antibody raised against synthetic phosphopeptide of MAP3K7IP1.
Immunogen:	Synthetic phosphopeptide (conjugated with KLH) corresponding to C-terminus residues surrounding S423 of human MAP3K7IP1.
Cross-Reactivity:	Human

Target Details

Target:	TAB1
Alternative Name:	TAB1 / MAP3K7IP1 (TAB1 Products)
Gene ID:	10454
Pathways:	TLR Signaling, Fc-epsilon Receptor Signaling Pathway, Activation of Innate immune Response,

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Target Details

	Toll-Like Receptors Cascades

Application Details

Application Notes:	ELISA (1:1000) Dot Blot (1:500) The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	In PBS (0.09 % sodium azide)
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in:	Zhou, Zheng, Chen, Xie, Kolatkar, Zarubin, Ye, Akella, Lin, Goldsmith, Han: "Determinants that control the specific interactions between TAB1 and p38alpha." in: **Molecular and cellular biology**, Vol. 26, Issue 10, pp. 3824-34, (2006) (PubMed). Conner, Kular, Peggie, Shepherd, Schüttelkopf, Cohen, Van Aalten: "TAK1-binding protein 1 is a pseudophosphatase." in: **The Biochemical journal**, Vol. 399, Issue 3, pp. 427-34, (2006) (PubMed). Singhirunnusorn, Suzuki, Kawasaki, Saiki, Sakurai et al.: "Critical roles of threonine 187 phosphorylation in cellular stress-induced rapid and transient activation of transforming growth factor-beta-activated kinase 1 (TAK1) in a signaling complex ..." in: **The Journal of biological chemistry**, Vol. 280, Issue 8, pp. 7359-68, (2005) (PubMed).

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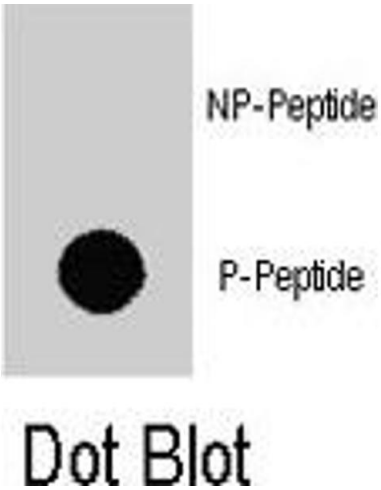

Dot Blot

Image 1. Dot blot analysis of MAP3K7IP1 (phospho S423) polyclonal antibody on nitrocellulose membrane. 50 ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibody working concentrations are 0.5 ug/mL.

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