

Datasheet for ABIN389721

anti-MAP3K7 antibody (pThr187)**1** Image**1** Publication[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	MAP3K7
Binding Specificity:	pThr187
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAP3K7 antibody is un-conjugated
Application:	Dot Blot (DB)

Product Details

Immunogen:	This MAP3K7 Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding T187 of human MAP3K7.
Clone:	RB11312
Isotype:	Ig Fraction
Predicted Reactivity:	B, M, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	MAP3K7
Alternative Name:	MAP3K7 (MAP3K7 Products)

Target Details

Background:	MAP3K7 is a member of the serine/threonine protein kinase family. This kinase mediates the signaling transduction induced by TGF beta and morphogenetic protein (BMP), and controls a variety of cell functions including transcription regulation and apoptosis. In response to IL-1, this protein forms a kinase complex including TRAF6, MAP3K7P1/TAB1 and MAP3K7P2/TAB2, this complex is required for the activation of nuclear factor kappa B. This kinase can also activate MAPK8/JNK, MAP2K4/MKK4, and thus plays a role in the cell response to environmental stresses.
Molecular Weight:	67196
Gene ID:	6885
NCBI Accession:	NP_003179 , NP_663304 , NP_663305 , NP_663306
UniProt:	O43318
Pathways:	NF-kappaB Signaling , TCR Signaling , TLR Signaling , Fc-epsilon Receptor Signaling Pathway , Activation of Innate immune Response , Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Production of Molecular Mediator of Immune Response , Tube Formation , Toll-Like Receptors Cascades , BCR Signaling , Ubiquitin Proteasome Pathway

Application Details

Application Notes:	DB: 1:500
Restrictions:	For Research Use only

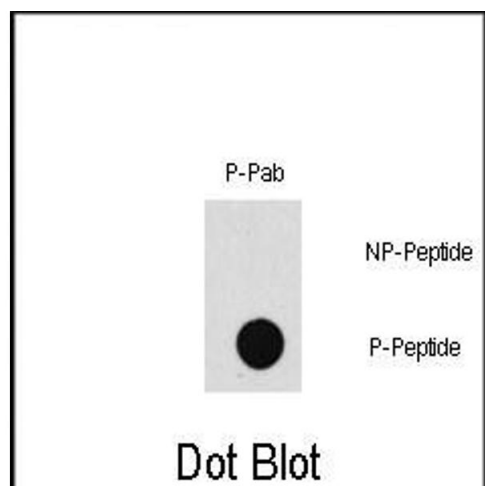
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

Publications

Product cited in: Bannon, Johnson, Michelhaugh, Hartley, Halter, David, Kapatos, Schmidt: "A molecular profile of cocaine abuse includes the differential expression of genes that regulate transcription, chromatin, and dopamine cell phenotype." in: **Neuropsychopharmacology : official publication of the American College of Neuropsychopharmacology**, Vol. 39, Issue 9, pp. 2191-9, (2014) ([PubMed](#)).

Images



Dot Blot

Image 1. Dot blot analysis of Phospho-P3K7- polyclonal antibody (Cat.(ABIN389721 and ABIN2839667)) on nitrocellulose membrane. 50 ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibody working concentration were 0.5 µg per ml.