

Datasheet for ABIN1539909  
**anti-MAP3K12 antibody (AA 828-859)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	400 µL
Target:	MAP3K12
Binding Specificity:	AA 828-859
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This MAP3K12 antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 828-859 amino acids from human MAP3K12.
Clone:	473CT23-12-5
Isotype:	IgG1
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

## Target Details

Target:	MAP3K12
Alternative Name:	MAP3K12 ( <a href="#">MAP3K12 Products</a> )
Background:	This gene encodes a member of the serine/threonine protein kinase family. This kinase contains a leucine-zipper domain and is predominately expressed in neuronal cells. The

## Target Details

phosphorylation state of this kinase in synaptic terminals was shown to be regulated by membrane depolarization via calcineurin. This kinase forms heterodimers with leucine zipper containing transcription factors, such as cAMP responsive element binding protein (CREB) and MYC, and thus may play a regulatory role in PKA or retinoic acid induced neuronal differentiation. Alternatively spliced transcript variants encoding different proteins have been described.[provided by RefSeq].

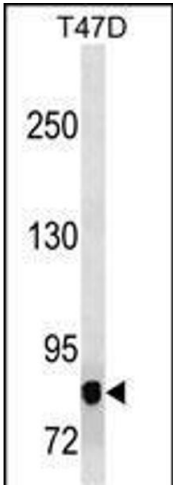
Molecular Weight:	93219
Gene ID:	7786
NCBI Accession:	<a href="#">NP_001180440</a> , <a href="#">NP_006292</a>
UniProt:	<a href="#">Q12852</a>
Pathways:	<a href="#">MAPK Signaling</a>

## Application Details

Application Notes:	WB: 1:100~250
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:	MAP3K12 Antibody can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



Western Blotting

**Image 1.** P3K12 Antibody (ABIN1539909 and ABIN2843859) western blot analysis in T47D cell line lysates (35 µg/lane). This demonstrates the P3K12 antibody detected the P3K12 protein (arrow).