

Datasheet for ABIN392401
anti-MAP2K5 antibody (AA 127-156)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	MAP2K5
Binding Specificity:	AA 127-156
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This MAP2K5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 127-156 amino acids from human MAP2K5.
Clone:	RB12745
Isotype:	IgG
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	MAP2K5
Alternative Name:	MAP2K5 (MAP2K5 Products)
Background:	MAP2K5 is a dual specificity protein kinase that belongs to the MAP kinase kinase family. It specifically interacts with and activates MAPK7/ERK5. This kinase itself can be phosphorylated and activated by MAP3K3/MEKK3, as well as by atypical protein kinase C isoforms (aPKCs).

Target Details

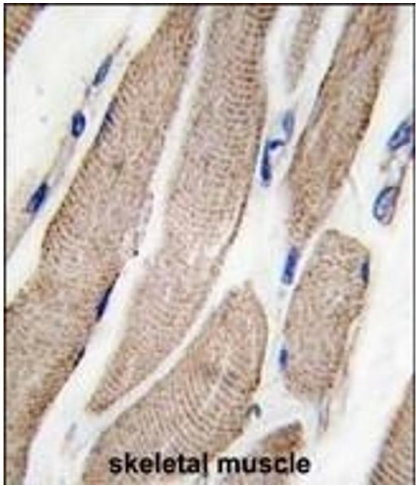
	The signal cascade mediated by MAP2K5 is involved in growth factor stimulated cell proliferation and muscle cell differentiation.
Molecular Weight:	50112
Gene ID:	5607
NCBI Accession:	NP_001193733 , NP_002748 , NP_660143
UniProt:	Q13163
Pathways:	MAPK Signaling , Neurotrophin Signaling Pathway

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

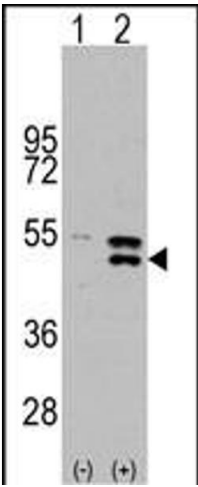
Handling

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



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Forlin-fixed and paraffin-embedded hun skeletal muscle tissue reacted with P2K5 Antibody f , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.



Western Blotting

Image 2. Western blot analysis of P2K5 (arrow) using rabbit polyclonal P2K5 Antibody f. 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected with the P2K5 gene (Lane 2) (Origene Technologies).