

Datasheet for ABIN7160004
anti-MAPK6 antibody (AA 383-712)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	MAPK6
Binding Specificity:	AA 383-712
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAPK6 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Mitogen-activated protein kinase 6 protein (383-712AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	MAPK6
Alternative Name:	MAPK6 (MAPK6 Products)
Background:	Background: Atypical MAPK protein. Phosphorylates microtubule-associated protein 2 (MAP2) and MAPKAPK5. The precise role of the complex formed with MAPKAPK5 is still unclear, but

Target Details

the complex follows a complex set of phosphorylation events: upon interaction with atypical MAPKAPK5, ERK3/MAPK6 is phosphorylated at Ser-189 and then mediates phosphorylation and activation of MAPKAPK5, which in turn phosphorylates ERK3/MAPK6. May promote entry in the cell cycle (By similarity).

Aliases: ERK-3 antibody, ERK3 antibody, Extracellular signal regulated kinase 3 antibody, Extracellular signal regulated kinase p97 antibody, Extracellular signal-regulated kinase 3 antibody, HsT17250 antibody, MAP kinase 6 antibody, MAP kinase isoform p97 antibody, MAPK 6 antibody, MAPK6 antibody, Mitogen activated protein kinase 6 antibody, Mitogen-activated protein kinase 6 antibody, MK06_HUMAN antibody, p97 MAPK antibody, p97-MAPK antibody, PRKM6 antibody, Protein kinase mitogen activated 5 antibody, Protein kinase mitogen activated 6 antibody

UniProt: [Q16659](#)

Pathways: [MAPK Signaling](#), [Neurotrophin Signaling Pathway](#), [Regulation of Muscle Cell Differentiation](#), [Hepatitis C](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

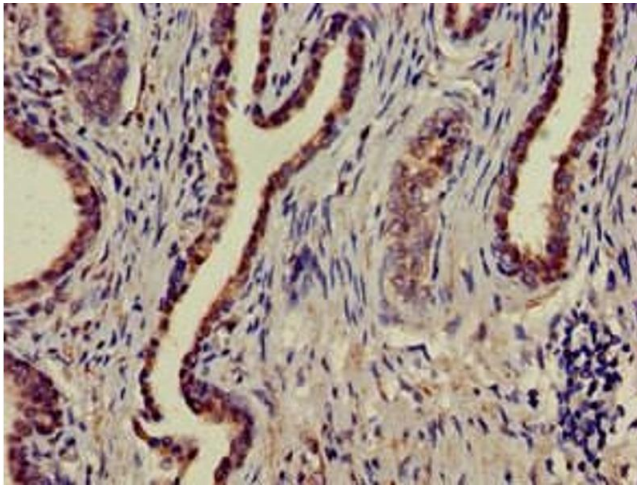
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human prostate cancer using ABIN7160004 at dilution of 1:100