

Datasheet for ABIN7453734  
**anti-MSK2 antibody (AA 722-772)**



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## Overview

Quantity:	20 µg
Target:	MSK2 (RPS6KA4)
Binding Specificity:	AA 722-772
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MSK2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

## Product Details

Purpose:	Rabbit anti-MSK2 Antibody, Affinity Purified
Immunogen:	between AA 722 and 772
Isotype:	IgG
Purification:	Affinity Purified

## Target Details

Target:	MSK2 (RPS6KA4)
Alternative Name:	MSK2 ( <a href="#">RPS6KA4 Products</a> )
Background:	Background: MSK1 is a serine/threonine kinase required for the mitogen or stress-induced

## Target Details

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phosphorylation of the transcription factors CREB (cAMP response element-binding protein) and ATF1 (activating transcription factor-1). MSK1 Directly represses transcription via phosphorylation of 'Ser-1' of histone H2A. MSK1 also phosphorylates 'Ser-10' of histone H3 in response to mitogenics, stress stimuli and epidermal growth-factor (EGF), which results in the transcriptional activation of several immediate early genes, including proto-oncogenes c-fos/FOS and c-jun/JUN. [taken from the Universal Protein Resource (UniProt) 075582].

Gene ID: 8986

NCBI Accession: [NP\\_003933](#)

UniProt: [075676](#)

## Application Details

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Application Notes: IHC: 1:100 - 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

IP: 2 - 5 µg/mg lysate

WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

## Handling

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Concentration: 200 µg/mL

Buffer: Tris-buffered Saline containing 0.1 % BSA and 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

Expiry Date: 12 months