

## MAPK14 antibody

### Product Information

Catalog No.:	FNab10331
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

### Background

MAPK14 (mitogen-activated protein kinase 14) is also named as SAPK2A, p38MAPK, CSBP1, RK, p38, EXIP, Mxi2, CSBP2, PRKM14, PRKM15, CSPB1, p38ALPHA and belongs to the MAP kinase subfamily. MAPK14-signaling is a central pathway for the integration of instructive signals in dendritic cells for T(H)17 differentiation and inflammation(PMID:22231518). It plays an important role in the regulation of hematopoietic stem cellself-renewal in vitro and inhibition of MAPK14 activation with a small molecule inhibitor may represent a novel approach to promote ex vivo expansion of hematopoietic stem cell(PMID:21198398). This protein has 4 isoforms produced by alternative splicing.

### Immunogen information

Immunogen:	mitogen-activated protein kinase 14
Synonyms:	Mitogen-activated protein kinase 14 (MAP kinase 14, MAPK 14) Cytokine suppressive anti-inflammatory drug-binding protein (CSAID-binding protein, CSBP) MAP kinase MXI2 MAX-interacting protein 2 Mitogen-activated protein kinase p38 alpha (MAP kinase p38 alpha) Stress-activated protein kinase 2a (SAPK2a) MAPK14 CSBP CSBP1 CSBP2 CSPB1 MXI2 SAPK2A
Observed MW:	30-41 kDa
Uniprot ID :	Q16539

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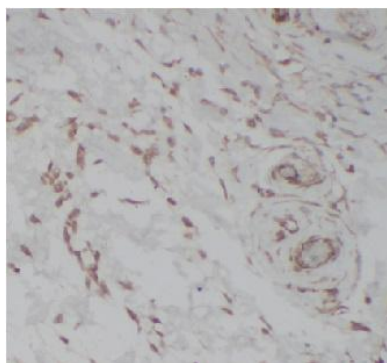
**Application**

Reactivity: Human, Mouse, Rat

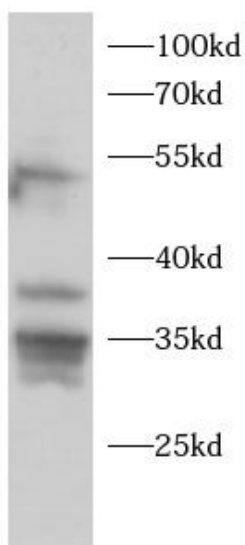
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:200-1:2000; IHC: 1:50-1:500

Image:



Immunohistochemistry of paraffin-embedded human testis tissue slide using FNab10331(p38 Antibody) at dilution of 1:200



NIH/3T3 cells were subjected to SDS PAGE followed by western blot with FNab10331(p38 Antibody) at dilution of 1:1000