

Anti-MAP4K4 Antibody (7A976)

Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 142 kDa.
Clone:	7A976
Purification:	Protein A purified

Applications

	1. Cell line: HepG2 Fixative: 4% Paraformaldehyde Permeabilization: 0.1% TritonX-100 Primary ab dilution: 1:50 Primary incubation condition: 4°C overnight Secondary ab: Goat Anti-Rabbit IgG Nuclear counter stain: DAPI (Blue)
Verified Activity:	Comment: Color green is the positive signal for TMAB-08581 2. Tissue: Human prostate Section type: Formalin fixed & Paraffin-embedded section Retrieval method: High temperature and high pressure Retrieval buffer: Tris/EDTA buffer, pH 9.0 Primary ab dilution: 1:50 Primary ab incubation condition: 1 hour at room temperature Counter stain: Hematoxylin Comment: Color brown is the positive signal for TMAB-08581
Application:	IHC-P,IHC-Fr,ICC/IF,IF
Recommended	IHC-P: 1:50-200; IHC-Fr: 1:50-200; ICC/IF: 1:50-200; IF: 1:50-200

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human MAP4K4
Antigen Species:	Human
Gene ID:	9448
Uniprot ID:	O95819

Research Background

The protein encoded by this gene is a member of the serine/threonine protein kinase family. This kinase has been shown to specifically activate MAPK8/JNK. The activation of MAPK8 by this kinase is found to be inhibited by the dominant-negative mutants of MAP3K7/TAK1, MAP2K4/MKK4, and MAP2K7/MKK7, which suggests that this kinase

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may function through the MAP3K7-MAP2K4-MAP2K7 kinase cascade, and mediate the TNF-alpha signaling pathway. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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