

# MAPKBP1 Rabbit Polyclonal Antibody



CAB12576

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

164kDa

### Calculated MW:

23kDa/109kDa/134kDa/149kDa/163kDa

### Applications:

WB

### Reactivity:

Human, Mouse

## Protein Background

This gene encodes a scaffold protein that regulates the JNK (c-Jun N-terminal kinase) and NOD2 (nucleotide-binding oligomerization domain-containing protein 2) signaling pathways. The encoded protein interacts with another related JNK pathway scaffold protein, WDR62, via a conserved dimerization domain, and enhances JNK signaling. This protein may play a role in bacterial immunity by binding to the NOD2 receptor and negatively regulating downstream antibacterial and pro-inflammatory signaling. Mutations in this gene that impair cellular localization of the encoded protein cause a form of nephronophthisis, an autosomal-recessive kidney disorder, in human patients.

## Immunogen information

### Gene ID:

23005

### Uniprot

O60336

### Synonyms:

MAPKBP1; JNKBP-1; JNKBP1; NPHP20

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

### Immunogen:

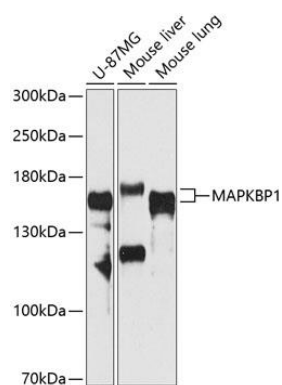
A synthetic peptide corresponding to a sequence within amino acids 1-100 of human MAPKBP1 (NP\_001122080.1).

### Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Western blot analysis of extracts of various cell lines, using MAPKBP1 antibody (CAB12576) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.