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MAPKBP1

Reactivity: Human Mouse Rat

Tested applications:WB IHC

Recommended Dilution:WB 1:200 - 1:500 IHC 1:50 - 1:100

Calculated MW:109kDa,164kDa

Observed MW: Refer to Figures

Immunogen:

A synthetic peptide of human MAPKBP1

Storage Buffer:

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

Synonym:

JNKBP-1; MGC138851; MGC138852;

Catalog #:A2626

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID:23005

Isotype: IgG

Swiss Prot:O60336

Purity: Affinity purification

For research use only.

Background:

MAP kinases play a significant role in many biological processes, including cell adhesion and spreading, cell differentiation and apoptosis. MAPKBP-1 (mitogen-activated protein kinase binding protein 1), also known as JNKBP-1, is a 1,514 amino acid protein that contains twelve WD repeats. Induced by TRAF2 (TNF receptor-associated factor 2) and Tak1 (TGF--activated kinase 1), MAPKBP-1 is thought to act an adaptor protein for NFB (nuclear factor -B) activation. MAPKBP-1 interacts with JNK3 and may promote TRAF2 polyubiquitination. MAPKBP-1 exists as six alternatively spliced variants and is encoded by a gene located on human chromosome 15. Human chromosome 15 houses over 700 genes and comprises nearly 3% of the human genome. Angelman syndrome, Prader-Willi syndrome, Tay-Sachs disease and Marfan syndrome are all associated with defects in chromosome 15-localized genes.

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