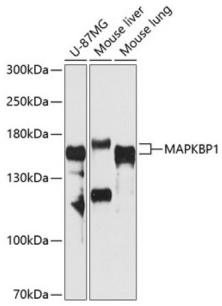
Mitogen-Activated Protein Kinase-Binding Protein 1 (MAPKBP1) Antibody

Catalogue No.:abx002043



Western blot analysis of extracts of various cell lines using MAPKBP1 Antibody (1/1000 dilution).

MAPKBP1 Antibody is a Rabbit Polyclonal antibody against MAPKBP1. 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-β-activated kinase 1), MAPKBP-1 is thought to act an adaptor protein for NFκB (nuclear factor κ-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.

Target:	Mitogen-Activated Protein Kinase-Binding Protein 1 (MAPKBP1)
Clonality:	Polyclonal
Reactivity:	Human, Mouse
Tested Applications:	WB
Host:	Rabbit
Recommended dilutions:	WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	A synthetic peptide corresponding to human MAPKBP1
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

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UniProt Primary AC:	O60336 (UniProt, ExPASy)
Gene Symbol:	MAPKBP1
GeneID:	23005
NCBI Accession:	NP_001122080.1
KEGG:	hsa:23005
String:	9606.ENSP00000393099
Molecular Weight:	Calculated MW: 23 kDa/109 kDa/134 kDa/149 kDa/163 kDa Observed MW: 164 kDa
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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