

DNAxPAb

Hard-to-Find
Antibody

MAPKSP1 DNAxPab

Catalog # H00008649-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human MAPKSP1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MADDLKRFLYKKLP SVEGLHAMVSDRDGVPVIKVANDNAPEHALRPGFLSTFALATDQGSKLGL SKNKSIIICYNTYQVVQFNRLPLVVSFIASSSANTGLIVSLEKELAPLFEELRQVVEVS
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — MAPKSP1

Entrez GeneID [8649](#)

GeneBank Accession# [NM_021970.2](#)

Protein Accession# [NP_068805.1](#)

Gene Name MAPKSP1

Gene Alias MAP2K1IP1, MAPBP, MP1

Gene Description MAPK scaffold protein 1

Omim ID [603296](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a scaffold protein that functions in the extracellular signal-regulated kinase (ERK) cascade. The protein is localized to late endosomes by the mitogen-activated protein-binding protein-interacting protein, and binds specifically to MAP kinase kinase MAP2K1/MEK1, MAP kinase MAPK3/ERK1, and MAP kinase MAPK1/ERK2. Studies of the orthologous gene in mouse indicate that it regulates late endosomal traffic and cell proliferation. Multiple transcript variants are expressed by this gene, but only one variant is thought to express a protein. [provided by RefSeq]

Other Designations MEK binding partner 1|MEK partner 1|mitogen-activated protein kinase kinase 1 interacting protein 1

Pathway

- [MAPK signaling pathway](#)