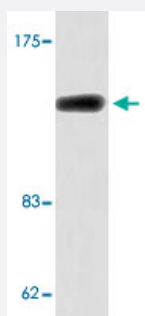


# MAPK8IP3 polyclonal antibody

Catalog # PAB26950

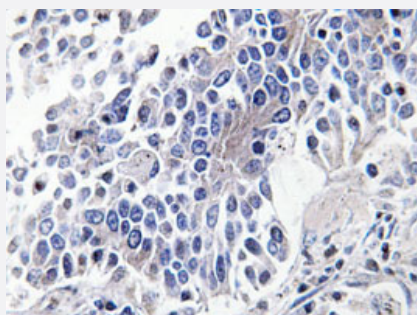
Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western blot analysis of HeLa cell lysate with MAPK8IP3 polyclonal antibody (Cat # PAB26950).



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human lung cancer tissue using MAPK8IP3 polyclonal antibody (Cat # PAB26950).

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic peptide of MAPK8IP3.
<b>Immunogen</b>	A synthetic peptide corresponding to human MAPK8IP3.
<b>Host</b>	Rabbit
<b>Theoretical MW (kDa)</b>	147
<b>Reactivity</b>	Human, Mouse
<b>Specificity</b>	MAPK8IP3 polyclonal antibody detects endogenous levels of MAPK8IP3 protein.
<b>Form</b>	Liquid

<b>Purification</b>	Affinity purification
<b>Concentration</b>	1 mg/mL
<b>Recommend Usage</b>	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS, pH 7.2 (0.05% sodium azide)
<b>Storage Instruction</b>	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Cell lysate)

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- Immunofluorescence

## Gene Info — MAPK8IP3

<b>Entrez GeneID</b>	<a href="#">23162</a>
<b>Protein Accession#</b>	<a href="#">Q9UPT6</a>
<b>Gene Name</b>	MAPK8IP3
<b>Gene Alias</b>	DKFZp762N1113, FLJ00027, JIP3, JSAP1, KIAA1066, SYD2
<b>Gene Description</b>	mitogen-activated protein kinase 8 interacting protein 3
<b>Omim ID</b>	<a href="#">605431</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>

**Gene Summary**

The protein encoded by this gene shares similarity with the product of Drosophila syd gene, required for the functional interaction of kinesin I with axonal cargo. Studies of the similar gene in mouse suggested that this protein may interact with, and regulate the activity of numerous protein kinases of the JNK signaling pathway, and thus function as a scaffold protein in neuronal cells. The C. elegans counterpart of this gene is found to regulate synaptic vesicle transport possibly by integrating JNK signaling and kinesin-1 transport. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined. [provided by RefSeq]

**Other Designations**

C-jun-amino-terminal kinase interacting protein 3|JNK-interacting protein 3|JNK/SAPK-associated protein-1|JNK/stress-activated protein kinase-associated protein 1|OTTHUMP00000158803|homolog of Drosophila Sunday driver 2

**Pathway**

- [MAPK signaling pathway](#)