## **Elabscience**®

## MAPK8IP3 Polyclonal Antibody

## catalog number: E-AB-18142

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description	
Reactivity	Human
Immunogen	Synthetic peptide of human MAPK8IP3
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

ApplicationsRecommended DilutionIHC1:40-1:200

Data





Immunohistochemistry of paraffin-embedded Human tonsilImmunohistochemistry of paraffin-embedded Humantissue using MAPK8IP3 Polyclonal Antibody at dilution ofcervical cancer tissue using MAPK8IP3 Polyclonal Antibody1:45(×200)at dilution of 1:45(×200)

Preparation & Storage	
Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

## Background

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. MAPK8IP3 (Mitogen-Activated Protein Kinase 8 Interacting Protein 3) is a Protein Coding gene. Among its related pathways are MAPK signaling pathway and Arf6 trafficking events. GO annotations related to this gene include kinesin binding and receptor signaling complex scaffold activity. An important paralog of this gene is SPAG9.