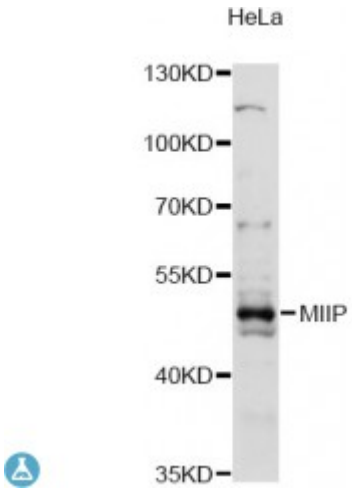
Anti-MIIP Antibody



Description	This gene encodes a protein that interacts with the oncogene protein insulin-like growth factor binding protein 2 and may function as an inhibitor of cell migration and invasion. This protein also interacts with the cell division protein 20 and may be involved in regulating mitotic progression. This protein may function as a tumor suppressor by inhibiting the growth or certain cancers.

Model	STJ116627
Host	Rabbit
Reactivity	Human, Mouse
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 279-388 of human MIIP (NP_068752.2).
Gene ID	60672
Gene Symbol	MIIP
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Ubiquitous, Isoform 1 is expressed in brain but underexpressed in glioma tissues, at protein level, Isoform 2 is not detected in normal organs, but is expressed in gliomas with increasing levels with glioma progression, On the contrary, at protein level, isoform 2 is not detected in gliomas, suggesting that this isoform is unstable in glioma cells
Purification	Affinity purification
Note	For Research Use Only (RUO).

Protein Name	Migration and invasion-inhibitory protein IGFBP2-binding protein Invasion-inhibitory protein 45 IIp45
Molecular Weight	42.824 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:25715OMIM:608772
Alternative Names	Migration and invasion-inhibitory protein IGFBP2-binding protein Invasion-inhibitory protein 45 IIp45
Function	Inhibits glioma cells invasion and down-regulates adhesion- and motility-associated genes such as NFKB2 and ICAM1, Exhibits opposing effects to IGFBP2 on cell invasion,
Post-translational Modifications	Isoform 2 is degraded by the ubiquitin-proteasome pathway

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