

MIIP Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5059b

Specification

MIIP Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	Q5JXC2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	42824
Antigen Region	275-303

MIIP Antibody (C-term) - Additional Information

Gene ID 60672

Other Names

Migration and invasion-inhibitory protein, IGFBP2-binding protein, Invasion-inhibitory protein 45, Iip45, MIIP, IIP45

Target/Specificity

This MIIP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 275-303 amino acids from the C-terminal region of human MIIP.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

MIIP Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

MIIP Antibody (C-term) - Protein Information

Name MIIP

Synonyms 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.

Tissue Location

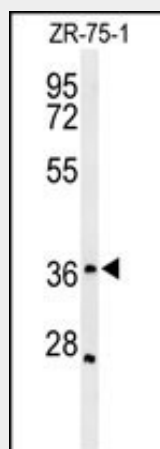
Ubiquitous. Isoform 1 is expressed in brain but underexpressed in glioma tissues, at protein level. Isoform 2 is not detected in normal organs, but is expressed in gliomas with increasing levels with glioma progression. On the contrary, at protein level, isoform 2 is not detected in gliomas, suggesting that this isoform is unstable in glioma cells.

MIIP Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MIIP Antibody (C-term) - Images



Western blot analysis of MIIP Antibody (C-term) (Cat. #AP5059b) in ZR-75-1 cell line lysates (35ug/lane). MIIP (arrow) was detected using the purified Pab.

MIIP Antibody (C-term) - Background

MIIP inhibits glioma cells invasion and down-regulates adhesion-and motility-associated genes such as NFKB2 and ICAM1. MIIP exhibits opposing effects to IGFBP2 on cell invasion.

MIIP Antibody (C-term) - References

Wu, Y., et al. J. Biol. Chem. 285(6):3554-3560(2010) Song, F., et al. Cancer Res. 70(3):1024-1032(2010) Hosgood, H.D. III, et al. Occup Environ Med 66(12):848-853(2009)