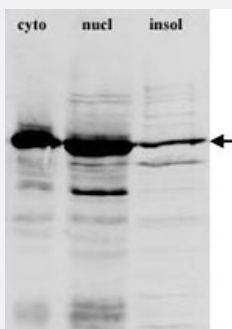


TNPO1 monoclonal antibody, clone D45

Catalog # MAB2496 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot for TNPO1 monoclonal antibody, clone D45 (Cat # MAB2496) on HeLa cell extracts.

Specification

Product Description	Mouse monoclonal antibody raised against recombinant TNPO1.
Immunogen	Recombinant His fusion protein corresponding to human TNPO1.
Host	Mouse
Theoretical MW (kDa)	90
Reactivity	Human, Monkey, Rabbit
Specificity	Detects a band of approximately 90 KDa.
Form	Liquid
Isotype	IgG1
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Recommend Usage	Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot for TNPO1 monoclonal antibody, clone D45 (Cat # MAB2496) on HeLa cell extracts.

- Immunofluorescence

- Immunoprecipitation

- Enzyme-linked Immunoabsorbent Assay

Gene Info — TNPO1

Entrez GeneID[3842](#)**Gene Name**

TNPO1

Gene Alias

IPO2, KPNB2, MIP, MIP1, TRN

Gene Description

transportin 1

Omim ID[602901](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes the beta subunit of the karyopherin receptor complex which interacts with nuclear localization signals to target nuclear proteins to the nucleus. The karyopherin receptor complex is a heterodimer of an alpha subunit which recognizes the nuclear localization signal and a beta subunit which docks the complex at nucleoporins. Alternate splicing of this gene results in two transcript variants encoding different proteins. [provided by RefSeq]

Other Designations

M9 region interaction protein|OTTHUMP00000126960|importin 2|importin beta 2|karyopherin (importin) beta 2

Publication Reference

- [Transportin-mediated nuclear import of heterogeneous nuclear RNP proteins.](#)

Siomi MC, Eder PS, Kataoka N, Wan L, Liu Q, Dreyfuss G.

The Journal of Cell Biology 1997 Sep; 138(6):1181.

Application: WB-Ce, Human, Monkey, Quail, Xenopus, Rabbit, HeLa, COS, QT-6, XL177 cells, Reticulocytes