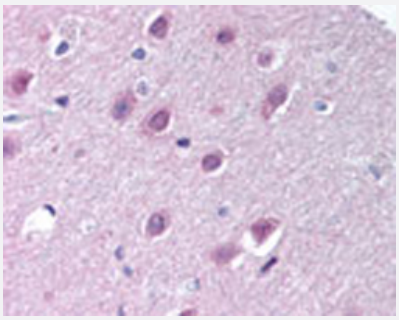
IPO9 polyclonal antibody

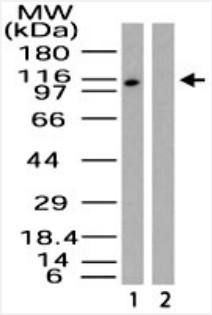
Catalog # PAB0154 Size 100 ug

Applications



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

IHC analysis of human brain, cortex. Using IPO9 polyclonal antibody (Cat # PAB0154) at 10 ug/mL .



Western Blot (Cell lysate)

Western blot analysis of Importin-9 in HeLa lysate in the 1) absence and 2) presence of immunizing peptide. Using IPO9 polyclonal antibody (Cat # PAB0154) at 0.5 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant IPO9.
Immunogen	Recombinant protein corresponding to amino acids 950-1000 of human IPO9.
Host	Rabbit
Reactivity	Bovine, Chimpanzee, Human, Monkey, Mouse, Rat
Form	Liquid
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% BSA, 0.05% sodium azide)

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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 shoul d be handled by trained staff only.

Applications

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

  IHC analysis of human brain, cortex. Using IPO9 polyclonal antibody (Cat # PAB0154) at 10 ug/mL .

- Western Blot (Cell lysate)

  Western blot analysis of Importin-9 in HeLa lysate in the 1) absence and 2) presence of immunizing peptide. Using IPO9 polyclonal antibody (Cat # PAB0154) at 0.5 ug/mL .

Gene Info — IPO9

Entrez GeneID	55705
Protein Accession#	Q96P70
Gene Name	IPO9
Gene Alias	DKFZp761M1547, FLJ10402, Imp9
Gene Description	importin 9
Gene Ontology	Hyperlink
Other Designations	OTTHUMP00000033949

Publication Reference

- Regulation of nuclear actin levels and MRTF/SRF target gene expression during PC6.3 cell differentiation.

  Salla Kyheröinen, Alise Hyrskyluoto, Maria Sokolova, Maria K Vartiainen.

  Experimental Cell Research 2022 Nov; 420(2):113356.

  Application: WB-Ce, Rat, PC6.3 cells

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- Nuclear actin interactome analysis links actin to KAT14 histone acetyl transferase and mRNA splicing.

  Tiina Viita, Salla Kyheroinen, Bina Prajapati, Jori Virtanen, Mikko J Frilander, Markku Varjosalo, Maria K Vartiainen

  J Cell Sci 2019 Apr; 132(8):0.

- Nuclear actin modulates cell motility via transcriptional regulation of adhesive and cytoskeletal genes.

  Sharili AS, Kenny FN, Vartiainen MK, Connelly JT.

  Scientific Reports 2016 Sep; 6:33893.

  Application: WB, IF, Human, HaCaT cells

- Active maintenance of nuclear actin by importin 9 supports transcription.

  Dopie J, Skarp KP, Rajakylä EK, Tanhuanpää K, Vartiainen MK.

  PNAS 2012 Feb; 109(9):E544.

  Application: WB-Tr, Drosophila, S2R+ cells

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