NUP160 Antibody

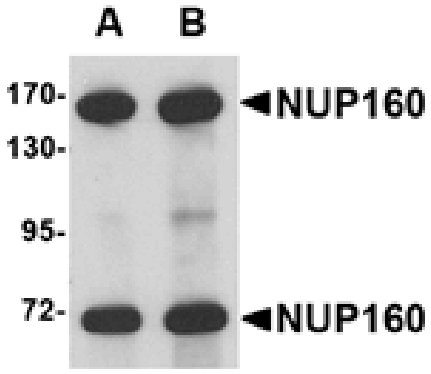
Catalog No: #24723

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

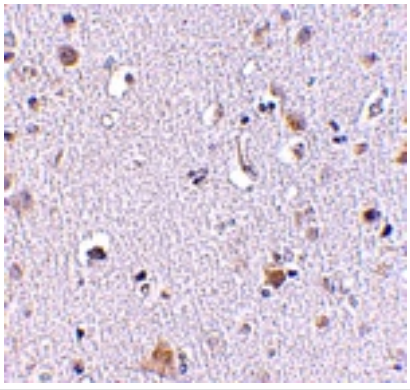
Description

Product Name	NUP160 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB IHC
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide
Immunogen Description	Raised against a 14 amino acid peptide from near the carboxy terminus of human NUP160.
Target Name	NUP160
Other Names	Nucleoporin 160, nuclear pore complex 160
Accession No.	Swiss-Prot:Q12769Gene ID:23279
Uniprot	Q12769
GeneID	23279;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

Images



Western blot analysis of NUP160 in rat brain tissue lysate with NUP160 antibody at (A) 0.5 and (B) 1 ug/mL.



Immunohistochemistry of NUP160 in human brain tissue with NUP160 antibody at 2.5 ug/mL.

Background

The nuclear pore complex (NPC) is a protein assembly localized at the nuclear rim and mediates macromolecular transport between the nucleus and the cytoplasm. The mammalian nucleoporin (NUP)-160 is part of the hetero-oligomeric complex that also contains NUP107, NUP133, NUP96, and mammalian homolog of yeast sec13p. While the majority of the NUP107-160 nuclear pore sub-complex localizes to the nuclear pore, a small fraction is observed at kinetochores and pro-metaphase spindle poles in mitotic cells in association with proteins such as Mad1, Mad2, Bub3 and Cdc20. Immunodepletion of the NUP107-160 complex resulted in defective spindle assembly indicating that it has multiple functions. NUP160 has recently been identified as an HIV dependency factor (HDF), suggesting that NUP160 may be an important drug target in HIV treatment. Multiple isoforms of NUP160 are known to exist.

Note: This product is for in vitro research use only