

Datasheet for ABIN783552
anti-NUP160 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	0.1 mg
Target:	NUP160
Binding Specificity:	C-Term
Reactivity:	Mouse, Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NUP160 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	14 amino acid peptide from near the carboxy terminus of human NUP160
Cross-Reactivity (Details):	Species reactivity (tested):Human, Mouse, Rat
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	NUP160
Alternative Name:	NUP160 (NUP160 Products)
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,

Target Details

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. Synonyms: 160 kDa nucleoporin, KIAA0197, NUP120, Nuclear pore complex protein Nup160, Nucleoporin Nup160

Gene ID: 23279

NCBI Accession: [NP_056046](#)

UniProt: [Q12769](#)

Pathways: [Protein targeting to Nucleus](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: PBS containing 0.02 % sodium azide

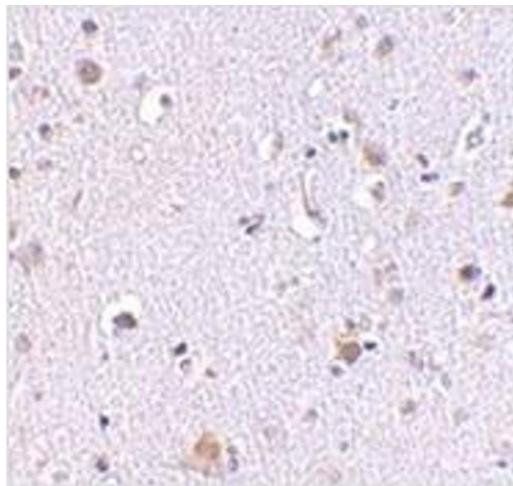
Preservative: Sodium azide

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

Handling Advice: Avoid repeated freezing and thawing.

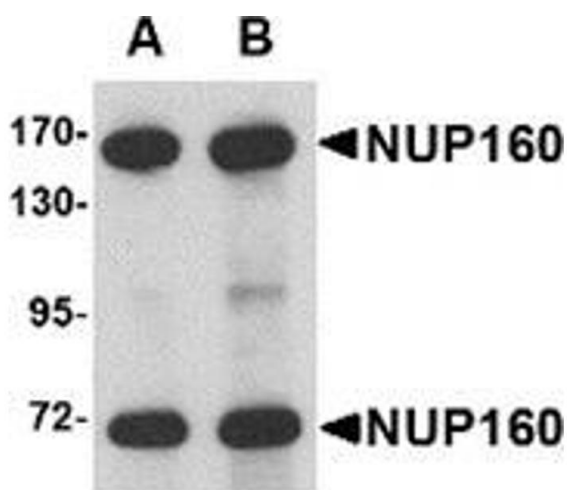
Storage: -20 °C

Storage Comment: Store the antibody (in aliquots) at -20 °C.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of NUP160 in human brain tissue with NUP160 antibody at 2.5 µg/ml.



Western Blotting

Image 2. Western blot analysis of NUP160 in rat brain tissue lysate with NUP160 antibody at (A) 0.5 and (B) 1 µg/ml.