

## Anti-NUP50 antibody

<b>Cat. No.</b>	ml122796
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-NUP50 rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB, IHC
<b>Immunogen</b>	Fusion protein of human NUP50
<b>Reactivity</b>	Human
<b>Content</b>	0.4 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	NUP50
<b>Full name</b>	nucleoporin 50kDa
<b>Synonyms</b>	NPAP60; NPAP60L
<b>Swissprot</b>	Q9UKX7

### Target Background

The nuclear pore complex is a massive structure that extends across the nuclear envelope, forming a gateway that regulates the flow of macromolecules between the nucleus and the Cytoplasm. Nucleoporins are the main components of the nuclear pore complex in eukaryotic cells. The protein encoded by this gene is a member of the FG-repeat containing nucleoporins that functions as a soluble cofactor in importin- $\alpha$ : $\beta$ -mediated nuclear protein import. Pseudogenes of this gene are found on chromosomes 5, 6, and 14. Two transcript variants encoding different isoforms have been found for this gene.

订购热线: 4008-898-798

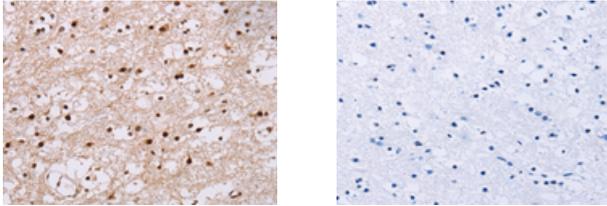
### Applications

#### Immunohistochemistry

Predicted cell location: Nucleus

Positive control: Human brain

Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using ml122796(NUP50 Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification:  $\times 200$ )

#### Western blotting

Predicted band size: 50 kDa

Positive control: HeLa, 293T, A549 and HT-29 cells

Recommended dilution: 200-1000

Gel: 8%SDS-PAGE

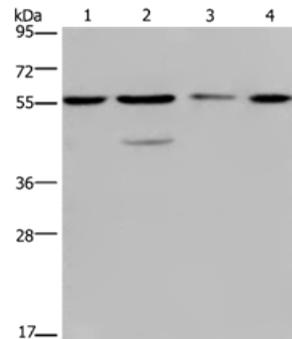
Lysate: 40  $\mu$ g

Lane 1-4: HeLa cells, 293T cells, A549 cells, HT29 cells

Primary antibody: ml122796(NUP50 Antibody) at dilution 1/200

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 20 seconds



#### ELISA

Recommended dilution: 1000-2000

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