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# anti-NUP50 antibody (C-Term)

**Images** 

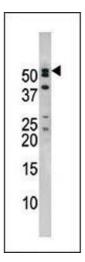


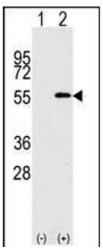
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Quantity:	400 μL
Target:	NUP50
Binding Specificity:	AA 432-461, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NUP50 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	This NUP50 antibody is generated from rabbits immunized with a KLH conjugated synthetic
	peptide between 432-461 amino acids from the C-terminal region of human NUP50.
Clone:	RB8362
Isotype:	Ig Fraction
Predicted Reactivity:	Rat
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by
	dialysis against PBS.
Target Details	
Target:	NUP50

## **Target Details**

Alternative Name:	NUP50 (NUP50 Products)
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. NUP50 is a member of the FG-repeat containing nucleoporins that functions as a soluble
	cofactor in importin-alpha:beta-mediated nuclear protein import. NUP50 may serve as a binding
	site on the nuclear side of the pore complex for export receptor-cargo complexes. It interacts
	with multiple transport receptor proteins including p27Kip1. This interaction is required for
	correct intracellular transport and degradation of p27Kip1.
Molecular Weight:	50144
Gene ID:	10762
NCBI Accession:	NP_009103, NP_705931
UniProt:	Q9UKX7
Pathways:	Tube Formation
Application Details	
Application Notes:	WB: 1:1000. WB: 1:1000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small
	aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months





### **Western Blotting**

**Image 1.** Western blot analysis of anti-NUP50 Pab (ABIN388619 and ABIN2837870) in mouse brain tissue lysate. NUP50(arrow) was detected using the purified Pab.

#### **Western Blotting**

**Image 2.** Western blot analysis of NUP50 (arrow) using rabbit polyclonal NUP50 Antibody (C-term) (R). 293 cell lysates ( $2 \mu g$ /lane) either nontransfected (Lane 1) or transiently transfected with the NUP50 gene (Lane 2) (Origene Technologies).