Mouse anti-Human NUP54 Monoclonal Antibody | anti-NUP54 antibody

NUP54 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290834	**Mouse**	**Human**	**ELISA, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

NUP54; Monoclonal Antibody; NUP54 Antibody; Nucleoporin p54; 54 kDa nucleoporin; anti-NUP54 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1, Igkappa
Clone Number	139CT1.1.5
Specificity	This NUP54 Monoclonal antibody is generated from mouse immunized with NUP54 recombinant protein.
Form/Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
Sequence Length	507
Applicable Applications for anti-NUP54 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Antigen Type	Recombinant Protein
Antigen Source	Human
Cellular Location	Nucleus, nuclear pore complex {ECO:0000250|UniProtKB:P70582}. Nucleus membrane {ECO:0000250|UniProtKB:P70582}; Peripheral membrane protein {ECO:0000250|UniProtKB:P70582}; Cytoplasmic side {ECO:0000250|UniProtKB:P70582}. Nucleus membrane {ECO:0000250|UniProtKB:P70582}; Peripheral membrane protein {ECO:0000250|UniProtKB:P70582}; Nucleoplasmic side {ECO:0000250|UniProtKB:P70582}. Note=Biased towards cytoplasmic side. Central region of the nuclear pore complex, within the transporter. {ECO:0000250|UniProtKB:P70582}
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

IHC (Immunohiostchemistry)
NUP54 Monoclonal Antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the NUP54 Monoclonal Antibody for immunohistochemistry. Clinical relevance has not been evaluated.

WB (Western Blot)
All lanes : Anti-NUP54 Antibody at 1:4000 dilutionLane 1: K562 whole cell lysateLane 2: WiDr whole cell lysateLane 3: MDA-MB-231 whole cell lysateLysates/proteins at 20 ug per lane.SecondaryGoat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.Predicted band size : 55 kDaBlocking/Dilution buffer: 5% NFDM/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-NUP54 antibody	The nuclear envelope creates distinct nuclear and cytoplasmic compartments in eukaryotic cells. It consists of two concentric membranes perforated by nuclear pores, large protein complexes that form aqueous channels to regulate the flow of macromolecules between the nucleus and the cytoplasm. These complexes are composed of at least 100 different polypeptide subunits, many of which belong to the nucleoporin family. This gene encodes a member of the phe-gly (FG) repeat-containing nucleoporin subset.
Product Categories/Family for anti-NUP54 antibody	Primary Antibodies; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	26051237
NCBI GeneID	53371
NCBI Accession #	NP_059122.2
NCBI GenBank Nucleotide #	NM_017426.3
UniProt Accession #	Q7Z3B4; Q96EA7; Q9NVL5; Q9P0I1; B2RCK7; B4DT35
Molecular Weight	55435 Da
NCBI Official Full Name	nucleoporin p54 isoform 1
NCBI Official Synonym Full Names	nucleoporin 54
NCBI Official Symbol	NUP54
NCBI Protein Information	nucleoporin p54
UniProt Protein Name	Nucleoporin p54
UniProt Gene Name	**NUP54**

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/nup54-antibody-clone-139ct1-1-5-immunohistochemistry-western-blot-elisa/290834