

Rabbit anti-Human NUP85 Polyclonal Antibody | anti-NUP85 antibody

NUP85 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA229471	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

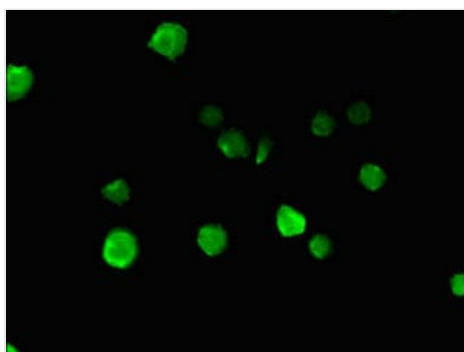
PRODUCT SYNONYMS

NUP85; Polyclonal Antibody; NUP85 Antibody; Nuclear pore complex protein Nup85; 85 kDa nucleoporin; FROUNT; Nucleoporin Nup75; Nucleoporin Nup85; Pericentrin-1; NUP75; PCNT1; anti-NUP85 antibody

PRODUCT SPECIFICATIONS

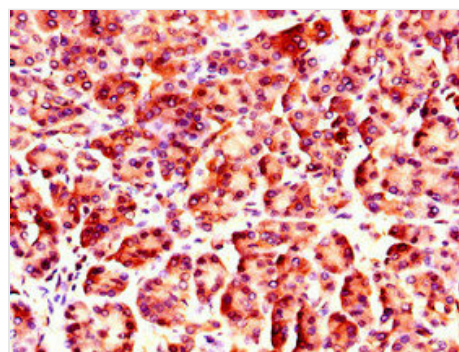
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%,Protein G purified
Form/Format	Liquid
Sequence Length	610
Applicable Applications for anti-NUP85 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Nuclear pore complex protein Nup85 protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



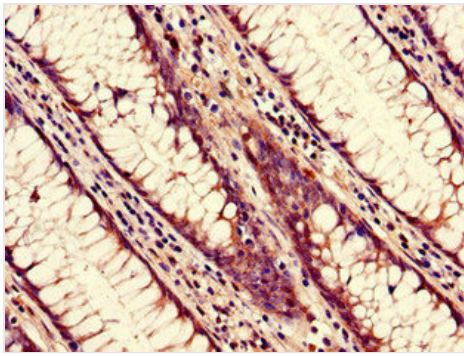
IF (Immunofluorescence)

Immunofluorescent analysis of MCF-7 cells using AAA229471 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)

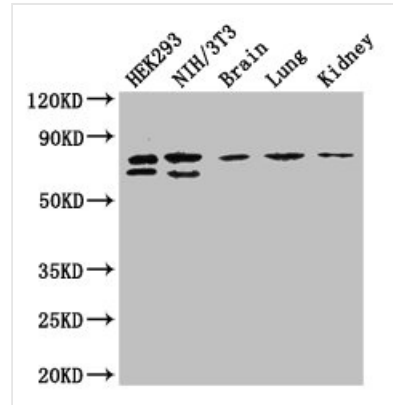


IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded human pancreatic tissue using AAA229471 at dilution of 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human colon cancer using AAA229471 at dilution of 1:100



WB (Western Blot)
Western Blot Positive WB detected in: HEK293 whole cell lysate, NIH/3T3 whole cell lysate, Mouse brain tissue, Mouse lung tissue, Mouse kidney tissue. All lanes: NUP85 antibody at 2.7 ug/ml. Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 76, 53, 70 kDa. Observed band size: 76, 70 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-NUP85 antibody	Essential component of the nuclear pore complex (NPC) that seems to be required for NPC assembly and maintenance. As part of the NPC Nup107-160 subcomplex plays a role in RNA export and in tethering NUP98/Nup98 and NUP153 to the nucleus. The Nup107-160 complex seems to be required for spindle assembly during mitosis. NUP85 is required for membrane clustering of CCL2-activated CCR2. Seems to be involved in CCR2-mediated chemotaxis of monocytes and may link activated CCR2 to the phosphatidylinositol 3-kinase-Rac-lammellipodium protrusion cascade.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	740086933
NCBI GeneID	79902
NCBI Accession #	NP_001290205.1
NCBI GenBank Nucleotide #	NM_001303276.1
UniProt Accession #	Q9BW27; Q8NDI4; Q9H9U1; B4DMQ3; B4DPW1
Molecular Weight	69,800 Da
NCBI Official Full Name	nuclear pore complex protein Nup85 isoform 2
NCBI Official Synonym Full Names	nucleoporin 85kDa
NCBI Official Symbol	NUP85
NCBI Official Synonym Symbols	Nup75; FROUNT
NCBI Protein Information	nuclear pore complex protein Nup85
UniProt Protein Name	Nuclear pore complex protein Nup85
UniProt Gene Name	NUP85
UniProt Synonym Gene Names	NUP75; PCNT1
UniProt Entry Name	NUP85_HUMAN

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.