

Rabbit GP210 Polyclonal Antibody | anti-NUP210 antibody

GP210 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA329080	Rabbit	Human, Mouse, Rat Predicted Reactivity: Pig(88%), Horse(88%), Rabbit(100%), Dog(100%)	ELISA

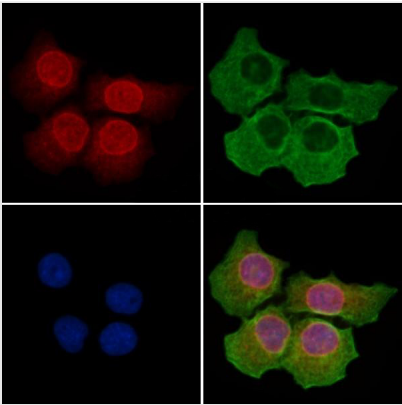
PRODUCT SYNONYMS

GP210; Polyclonal Antibody; GP210 Antibody; FLJ22389; GP 210; KIAA0906; Nuclear envelope pore membrane protein POM 210; Nuclear pore membrane glycoprotein 210; Nuclear pore protein gp210; Nucleoporin 210; Nucleoporin 210kDa; Nucleoporin Nup210; Nucleoporin210; NUP 210; Nup210; PO210_HUMAN; POM 210; POM210; Pore membrane protein of 210 kDa; anti-NUP210 antibody

PRODUCT SPECIFICATIONS

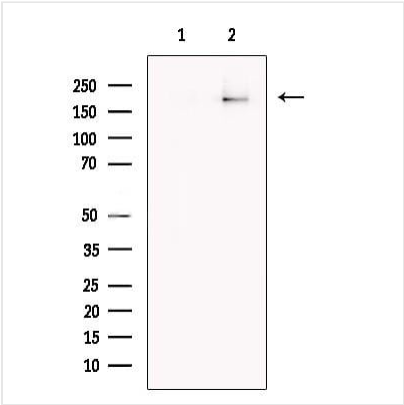
Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted Reactivity: Pig(88%), Horse(88%), Rabbit(100%), Dog(100%)
Clonality	Polyclonal
Isotype	IgG
Specificity	GP210 Antibody detects endogenous levels of total GP210.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	1887
Applicable Applications for anti-NUP210 antibody	ELISA
Immunogen	A synthesized peptide derived from human GP210, corresponding to a region within C-terminal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA329080 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25Å°C. Samples were then incubated with primary Ab(AAA329080) and mouse anti-beta tubulin Ab(T0023) for 1 hour at 37Å°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI(blue).



WB (Western Blot)

Western blot analysis of extracts from Rat liver, using GP210 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-NUP210 antibody	Function: Nucleoporin essential for nuclear pore assembly and fusion, nuclear pore spacing, as well as structural integrity.
	Post Translational Modifications: N-glycosylated, but not all potential glycosylation sites may be used. Contains high-mannose type oligosaccharides (By similarity). Phosphorylated at Ser-1881 in mitosis specifically; not phosphorylated in interphase.
	Subcellular Location: Nucleus>Nuclear pore complex. Nucleus membrane>Single-pass type I membrane protein. Endoplasmic reticulum membrane>Single-pass type I membrane protein.
	Tissue Specificity: Ubiquitous expression, with highest levels in lung, liver, pancreas, testis, and ovary, intermediate levels in brain, kidney, and spleen, and lowest levels in heart and skeletal muscle.
	Subunit Structure: Forms dimers and possibly higher-order oligomers.
	Similarity: Belongs to the NUP210 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	27477134
NCBI GeneID	23225
NCBI Accession #	NP_079199.2
NCBI GenBank Nucleotide #	NP_079199.2
UniProt Accession #	Q8TEM1
Molecular Weight	Observed Molecular Weight: (Observed)205kD. Predicted Molecular Weight: (Calculated)205kDa.
NCBI Official Full Name	nuclear pore membrane glycoprotein 210
NCBI Official Synonym Full Names	nucleoporin 210
NCBI Official Symbol	NUP210
NCBI Official Synonym Symbols	GP210; POM210

NCBI Protein Information	nuclear pore membrane glycoprotein 210
UniProt Protein Name	Nuclear pore membrane glycoprotein 210
UniProt Gene Name	NUP210
UniProt Synonym Gene Names	KIAA0906; Nuclear pore protein gp210; POM210
UniProt Entry Name	PO210_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gp210-antibody-elisa/329080>