

Anti-NUP98 Antibody Picoband® Biotin Conjugated

Catalog Number: A01301-1-Biotin

About NUP98

Nuclear pore complex protein Nup98-Nup96 is a protein that in humans is encoded by the NUP98 gene. This gene is one of several genes located in the imprinted gene domain of 11p15.5, an important tumor-suppressor gene region. NUP98 is a peripheral nucleoporin located at both the cytoplasmic and nuclear sides of the central channel of the NPC. NUP98 phosphorylation is critical for NPC disassembly at the onset of mitosis. It also plays roles in gene expression, mitotic checkpoint, and pathogenesis. Ligand blot analysis suggested that NUP98 can function as a docking protein for cytosol-mediated docking of import substrates. In addition to that, NUP98 is a target of the vesicular stomatitis virus M protein-mediated inhibition of mRNA nuclear export.

Overview

Product Name	Anti-NUP98 Antibody Picoband® Biotin Conjugated
Reactive Species	Human, Monkey, Mouse, Rat
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% NaN ₃ .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	P52948

Technical Details

Immunogen	E.coli-derived human NUP98 recombinant protein (Position: H728-I1787). Human NUP98 shares 89.1% and 89% amino acid (aa) sequence identity with mouse and rat NUP98, respectively.
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Biotin
Suggested Dilutions	The intended application should be selected according to the customer's experimental requirements.

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