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Product datasheet for TA812297

GP210 (NUP210) Mouse Monoclonal Antibody [Clone ID: OTI7G1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI7G1
Applications:	WB
Recommended Dilution:	WB 1:500
Reactivity:	Human, Mouse
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 27-400 of human NUP210 (NP_079199) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	204.9 kDa
Gene Name:	nucleoporin 210kDa
Database Link:	NP_079199 Entrez Gene 23225 Human Q8TEM1
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. The protein encoded by this gene is a membrane-spanning glycoprotein that is a major component of the nuclear pore complex. Multiple pseudogenes related to this gene are located on chromosome 3. [provided by RefSeq, Jul 2013]

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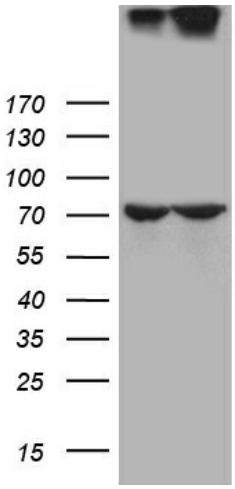
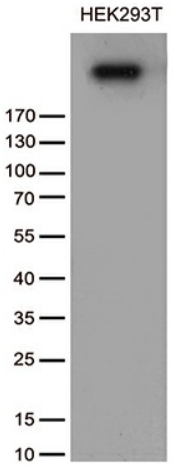
Synonyms: GP210; POM210

Protein Families: Transmembrane

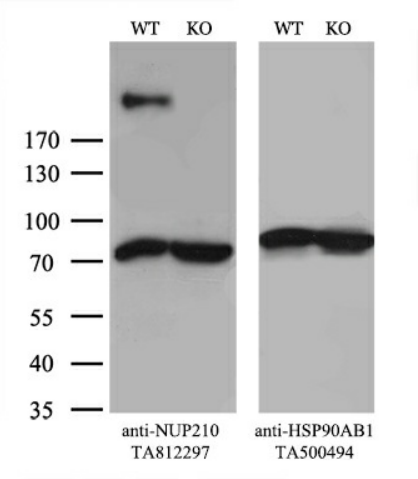
Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY NUP210 (Cat# [RC213658], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-NUP210 antibody (Cat# TA812297). Positive lysates [LY410963] (100ug) and [LC410963] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from 293T cell line by using anti-NUP210 monoclonal antibody (1:500).



Equivalent amounts of cell lysates (10 ug per lane) of wild-type 293T cells (WT, Cat# LC810293T) and NUP210-Knockout 293T cells (KO, Cat# [LC842565]) were separated by SDS-PAGE and immunoblotted with anti-NUP210 monoclonal antibody TA812297 (1:500 `). Then the blotted membrane was stripped and reprobed with anti-HSP90 antibody as a loading control.