

## Product datasheet for **TA890139**

### **NUP214 Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500~2000
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human NUP214
Formulation:	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration:	1.68 mg/ml
Purification:	Purified from the immunized serum 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:	213.4 kDa
Gene Name:	nucleoporin 214kDa
Database Link:	<a href="#">NP_005076</a> <a href="#">Entrez Gene 227720 Mouse</a> <a href="#">Entrez Gene 8021 Human</a> <a href="#">P35658</a>



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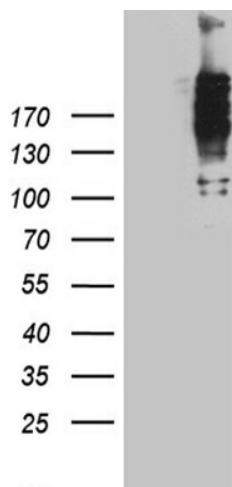
**Background:**

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. This gene is a member of the FG-repeat-containing nucleoporins. The protein encoded by this gene is localized to the cytoplasmic face of the nuclear pore complex where it is required for proper cell cycle progression and nucleocytoplasmic transport. The 3' portion of this gene forms a fusion gene with the DEK gene on chromosome 6 in a t(6,9) translocation associated with acute myeloid leukemia and myelodysplastic syndrome. Alternative splicing of this gene results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Dec 2015]

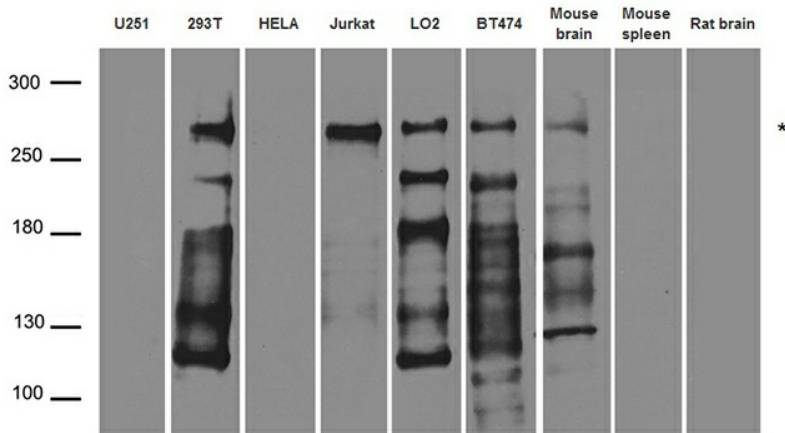
**Synonyms:**

CAIN; CAN

**Product images:**



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY NUP214 (Cat# [RC206891], 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-NUP214 rabbit polyclonal antibody(Cat# TA890139).



Western blot analysis of extracts (35ug) from different cell lines and tissues by using anti-NUP214 rabbit polyclonal antibody.