

Product datasheet for **TA350245S**

NUP50 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Hela, 293T, A549, HT-29 and K562 cells IHC: 50-200 Positive control: Human tonsil Predicted cell location: Nucleus
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human NUP50
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	50 kDa
Gene Name:	nucleoporin 50kDa
Database Link:	NP_705931 Entrez Gene 10762 Human Q9UKX7



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Background:

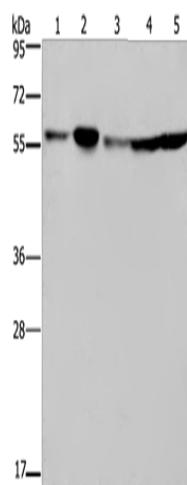
The nuclear pore complex is a massive structure that extends across the nuclear envelope, forming a gateway that regulates the flow of macromolecules between the nucleus and the Cytoplasm. Nucleoporins are the main components of the nuclear pore complex in eukaryotic cells. The protein encoded by this gene is a member of the FG-repeat containing nucleoporins that functions as a soluble cofactor in importin-alpha:beta-mediated nuclear protein import. Pseudogenes of this gene are found on chromosomes 5, 6, and 14. Two transcript variants encoding different isoforms have been found for this gene.

Synonyms:

NPAP60; NPAP60L

Protein Families:

Stem cell - Pluripotency

Product images:

Gel: 8%SDS-PAGE

Lysate: 40 µg

Lane 1-5: HeLa cells

293T cells

A549 cells

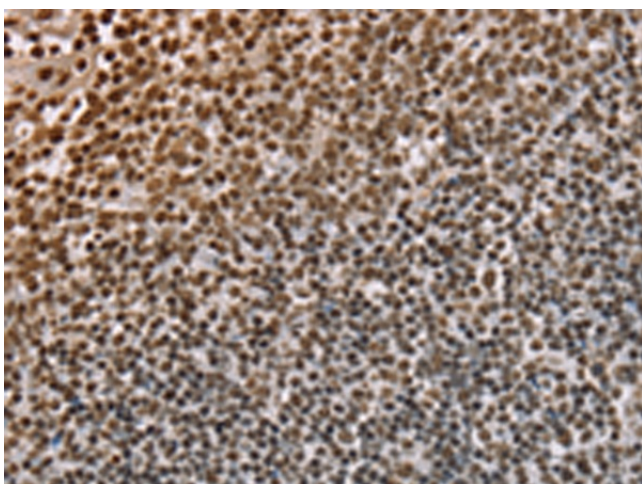
HT29 cells

K562 cells

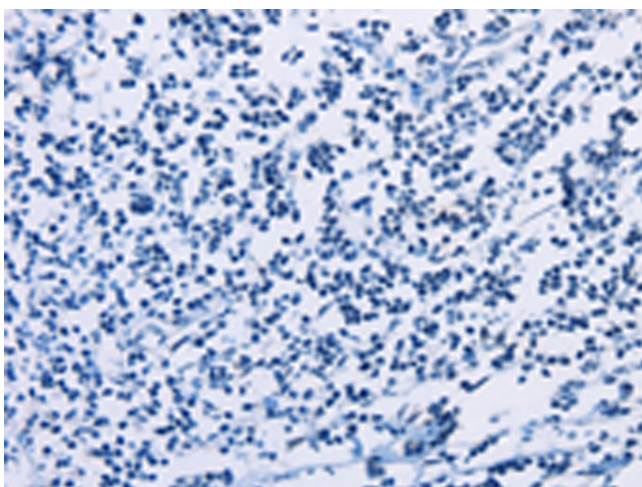
Primary antibody: [TA350245] (NUP50 Antibody)
at dilution 1/200

Secondary antibody: Goat anti rabbit IgG at
1/8000 dilution

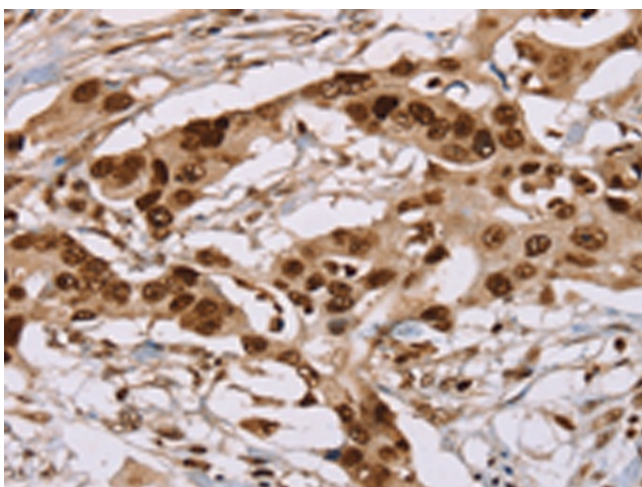
Exposure time: 20 seconds



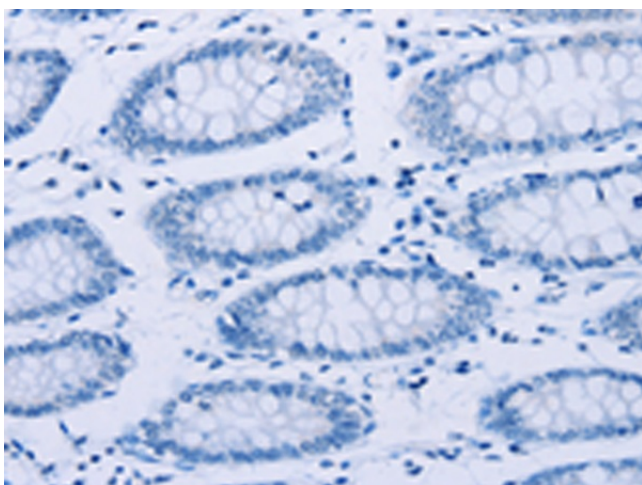
Immunohistochemistry of paraffin-embedded
Human tonsil tissue using [TA350245] (NUP50
Antibody) at dilution 1/30 (Original magnification:
×200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using [TA350245] (NUP50 Antibody) at dilution 1/30, treated with fusion protein. (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using [TA350245] (NUP50 Antibody) at dilution 1/30 (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using [TA350245] (NUP50 Antibody) at dilution 1/30, treated with fusion protein. (Original magnification: x200)