

Product datasheet for **TA349739S**

Calnexin (CANX) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Hela and 231 cells, human placenta and carcinoma of sigmoid tissue IHC: 50-200 Positive control: Human colon cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human CANX
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:	68 kDa
Gene Name:	calnexin
Database Link:	NP_001737 Entrez Gene 12330 MouseEntrez Gene 29144 RatEntrez Gene 821 Human P27824

Background: This gene encodes a member of the calnexin family of molecular chaperones. The encoded protein is a calcium-binding, endoplasmic reticulum (ER)-associated protein that interacts transiently with newly synthesized N-linked glycoproteins, facilitating protein folding and assembly. It may also play a central role in the quality control of protein folding by retaining incorrectly folded protein subunits within the ER for degradation. Alternatively spliced transcript variants encoding the same protein have been described.



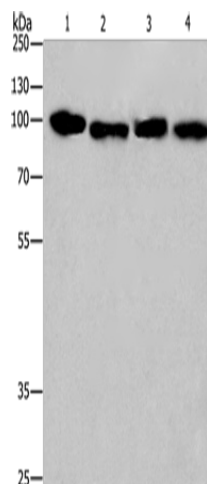
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Synonyms: CNX; IP90; P90

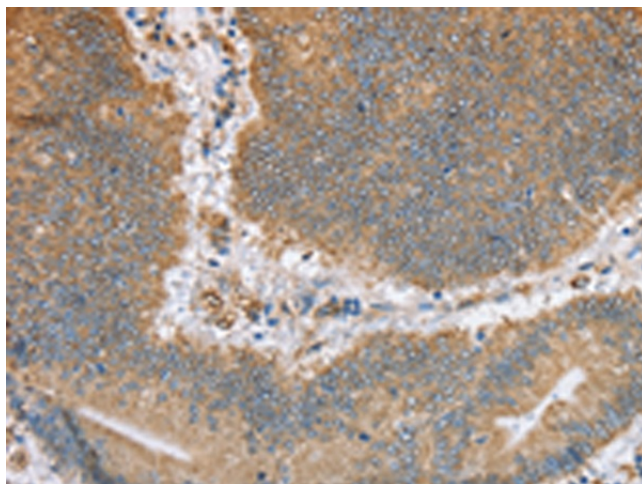
Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Antigen processing and presentation

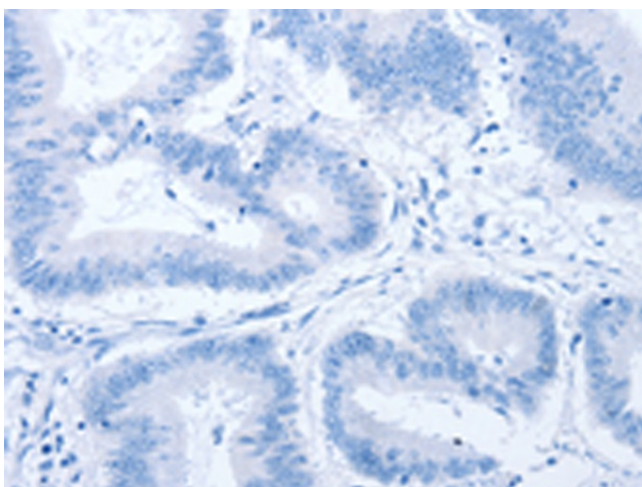
Product images:



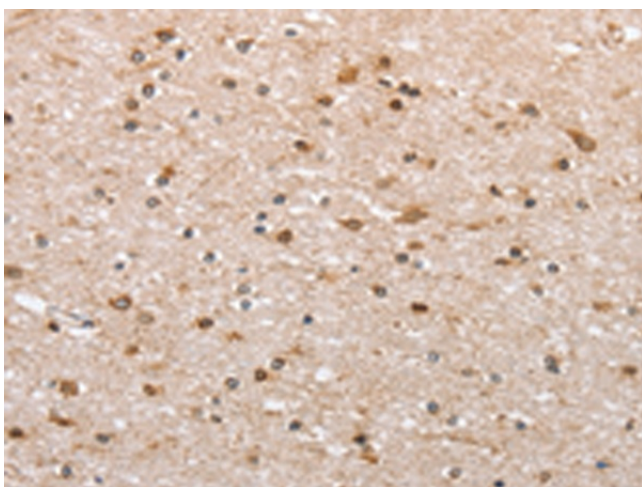
Gel: 8%SDS-PAGE
Lysate: 40 µg
Lane 1-4: HeLa cells
231 cells
human placenta tissue
Human carcinoma of sigmoid tissue
Primary antibody: [TA349739] (CANX Antibody) at dilution 1/615
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 20 seconds



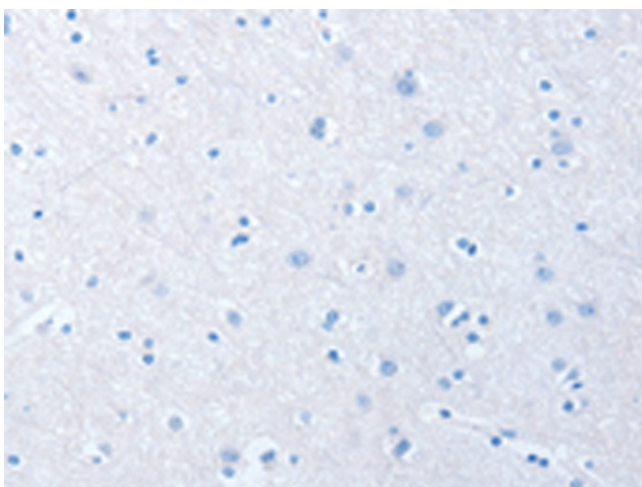
Immunohistochemistry of paraffin-embedded Human colon cancer tissue using [TA349739] (CANX Antibody) at dilution 1/50 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using [TA349739] (CANX Antibody) at dilution 1/50, treated with fusion protein. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA349739] (CANX Antibody) at dilution 1/50 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA349739] (CANX Antibody) at dilution 1/50, treated with fusion protein. (Original magnification: $\times 200$)