

Product datasheet for **TA349709**

beta COP (COPB1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Raji cells IHC: 50-200 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human COPB1
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
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:	107 kDa
Gene Name:	coatamer protein complex subunit beta 1
Database Link:	NP_057535 Entrez Gene 70349 Mouse Entrez Gene 114023 Rat Entrez Gene 1315 Human P53618



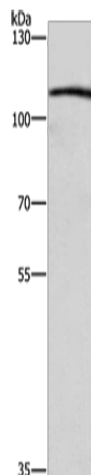
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Background:

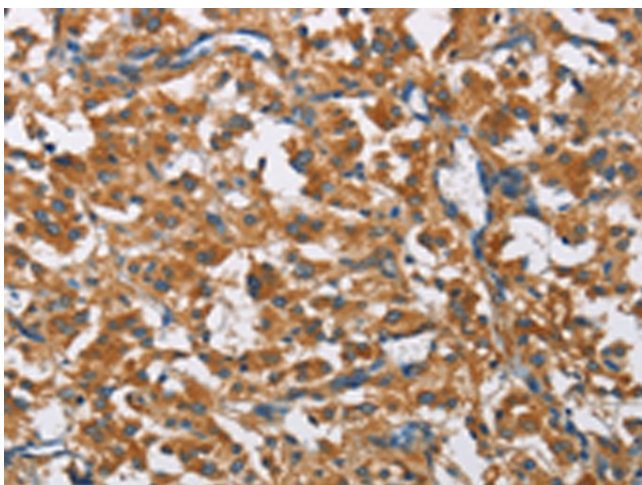
This gene encodes a protein subunit of the coatomer complex associated with non-clathrin coated vesicles. The coatomer complex, also known as the coat protein complex 1, forms in the cytoplasm and is recruited to the Golgi by activated guanosine triphosphatases. Once at the Golgi membrane, the coatomer complex may assist in the movement of protein and lipid components back to the endoplasmic reticulum. Alternatively spliced transcript variants have been described.

Synonyms:

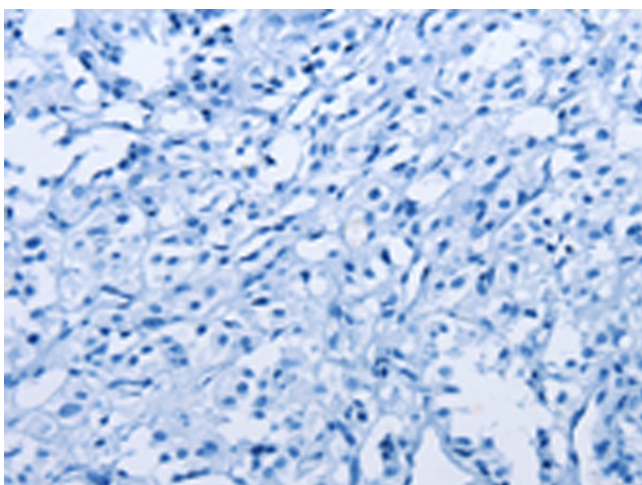
COPB

Product images:

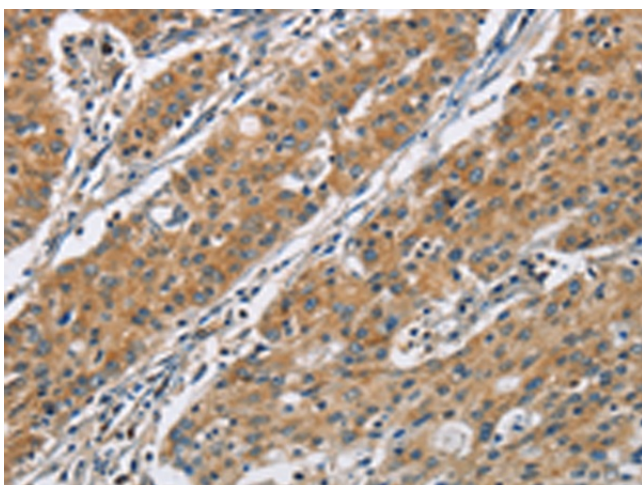
Gel: 6%SDS-PAGE
Lysate: 40 μ g
Lane: Raji cells
Primary antibody: TA349709 (COPB1 Antibody) at dilution 1/350
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 10 seconds



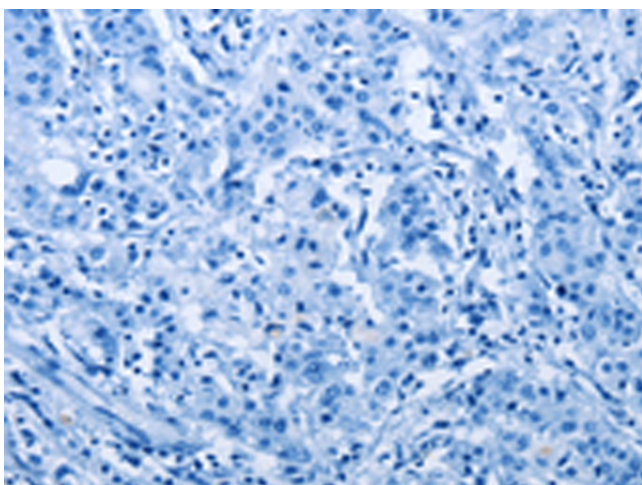
Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA349709 (COPB1 Antibody) at dilution 1/50 (Original magnification: \times 200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA349709 (COPB1 Antibody) at dilution 1/50, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using TA349709 (COPB1 Antibody) at dilution 1/50 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using TA349709 (COPB1 Antibody) at dilution 1/50, treated with fusion protein. (Original magnification: ×200)