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Product datasheet for TA321809S

APPL (APPL1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: SKOV3 and K562 cells IHC: 25-100 Positive control: Human liver cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to C terminal 250 amino acids of human adaptor protein, phosphotyrosine interaction, PH domain and leucine zipper containing 1
Formulation:	PBS pH7.3, 0.05% NaN3, 50% 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:	80 kDa
Gene Name:	adaptor protein, phosphotyrosine interacting with PH domain and leucine zipper 1
Database Link:	NP_036228 Entrez Gene 72993 MouseEntrez Gene 26060 Human Q9UKG1

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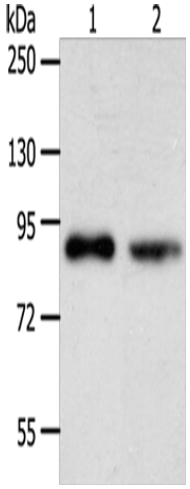
Background: The protein encoded by this gene has been shown to be involved in the regulation of cell proliferation, and in the crosstalk between the adiponectin signalling and insulin signalling pathways. The encoded protein binds many other proteins, including RAB5A, DCC, AKT2, PIK3CA, adiponectin receptors, and proteins of the NuRD/MeCP1 complex. This protein is found associated with endosomal membranes, but can be released by EGF and translocated to the nucleus.

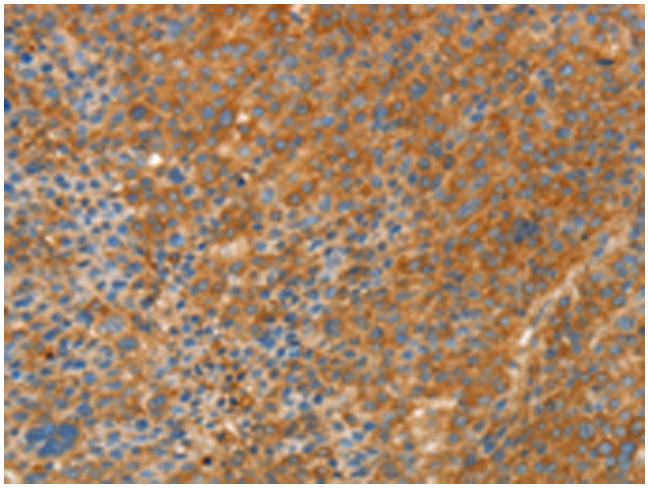
Synonyms: APPL; DIP13alpha; MODY14

Protein Pathways: Colorectal cancer, Pathways in cancer

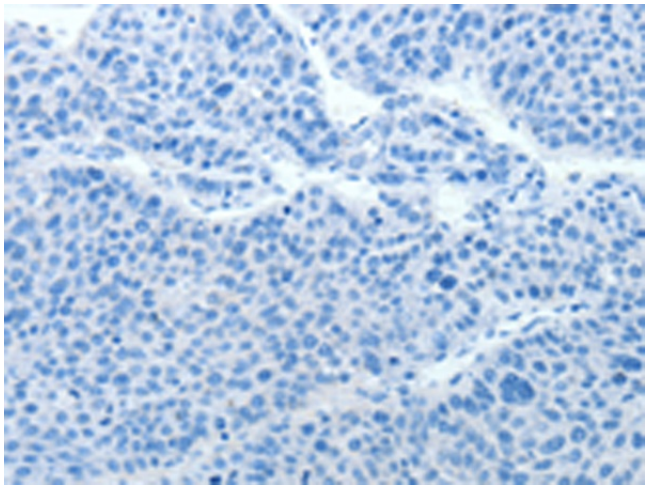
Product images:



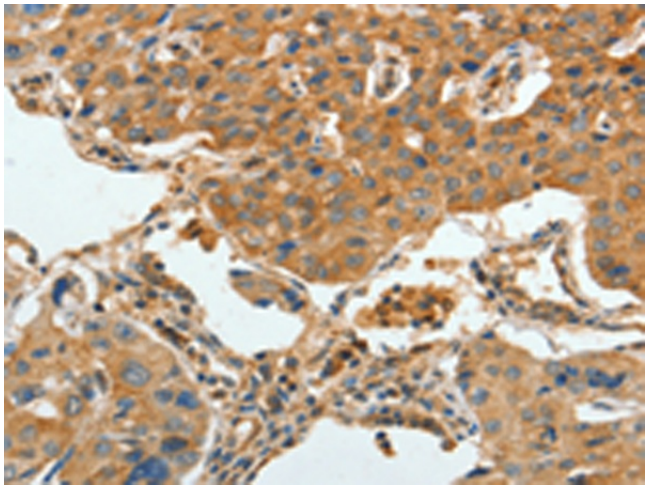
Gel: 10%SDS-PAGE
Lysate: 40 µg
Lane 1-2: SKOV3 cells
K562 cells
Primary antibody: [TA321809] (APPL1 Antibody) at dilution 1/275
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 3 minutes



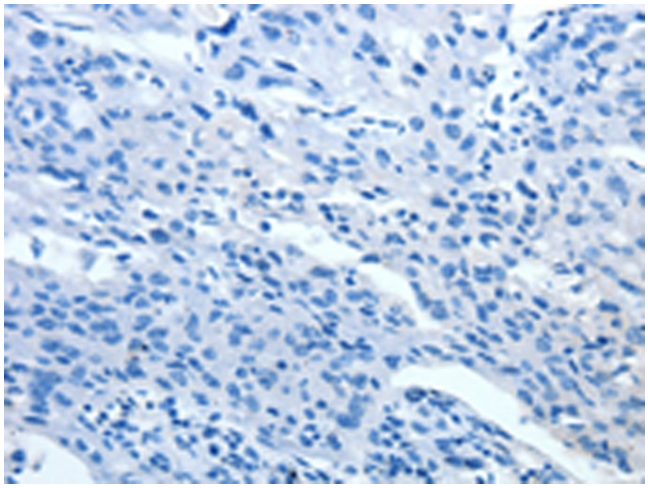
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA321809] (APPL1 Antibody) at dilution 1/30 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA321809] (APPL1 Antibody) at dilution 1/30, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using [TA321809] (APPL1 Antibody) at dilution 1/30 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using [TA321809] (APPL1 Antibody) at dilution 1/30, treated with fusion protein. (Original magnification: ×200)