

Product datasheet for TA371631

AP2 alpha (AP2A1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200–1000 WB positive control: Hela cell IHC: 20–100 Positive control: Human liver cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human AP2A1
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	108 kDa
Gene Name:	adaptor related protein complex 2 alpha 1 subunit
Database Link:	Entrez Gene 160 Human O95782

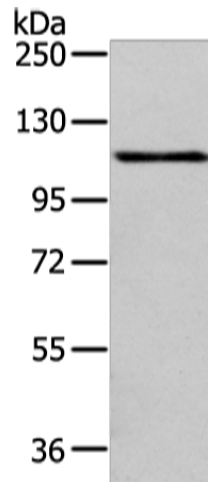


Background:

This gene encodes the alpha 1 adaptin subunit of the adaptor protein 2 (AP-2) complex found in clathrin coated vesicles. The AP-2 complex is a heterotetramer consisting of two large adaptins (alpha or beta), a medium adaptin (μ), and a small adaptin (σ). The complex is part of the protein coat on the cytoplasmic face of coated vesicles which links clathrin to receptors in vesicles. Alternative splicing of this gene results in two transcript variants encoding two different isoforms.

Synonyms:

ADTAA; Alpha1-adaptin; AP2-ALPHA; CLAPA1

Product images:

Gel: 6%SDS-PAGE

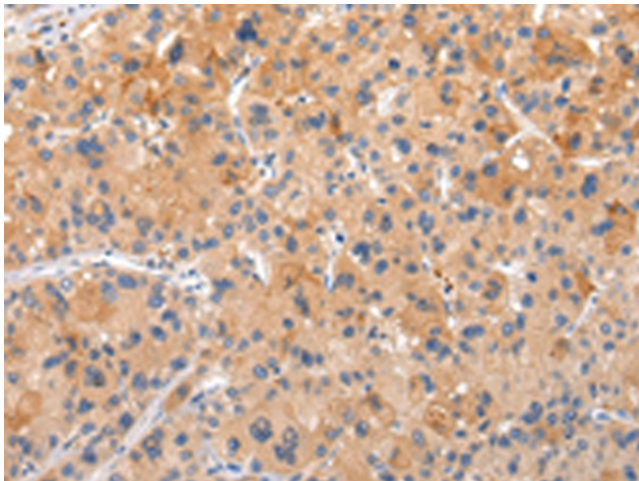
Lysate: 40 μ g

Lane: HeLa cell

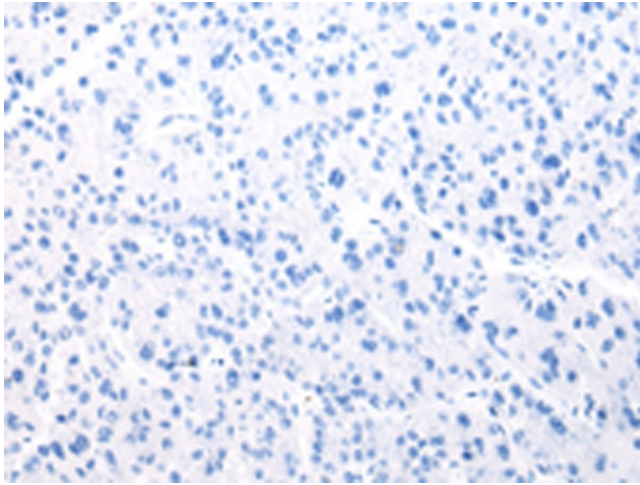
Primary antibody: TA371631 (AP2A1 Antibody)
at dilution 1/200

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

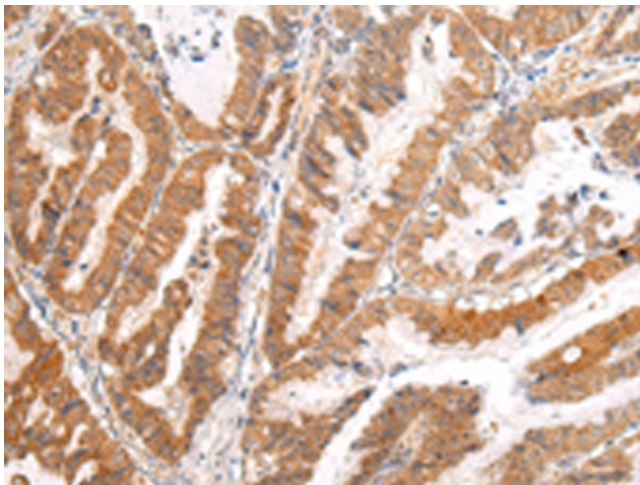
Exposure time: 1 minute



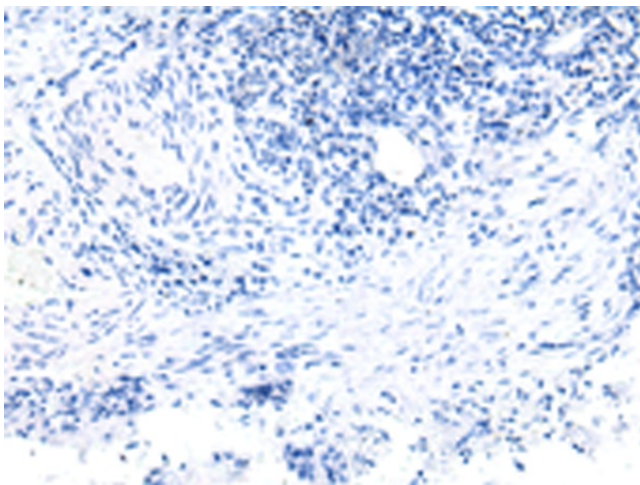
Immunohistochemistry of paraffin-
embedded Human liver cancer tissue using
TA371631 (AP2A1 Antibody) at dilution 1/20
(Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA371631 (AP2A1 Antibody) at dilution 1/20, treated with synthetic peptide. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA371631 (AP2A1 Antibody) at dilution 1/20 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA371631 (AP2A1 Antibody) at dilution 1/20, treated with synthetic peptide. (Original magnification: $\times 200$)