

Product datasheet for **TA350420**

SLC25A13 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Mouse liver tissue and hepg2 cells IHC: 25-100 Positive control: Human esophagus cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human SLC25A13
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:	74 kDa
Gene Name:	solute carrier family 25 member 13
Database Link:	NP_055066 Entrez Gene 50799 Mouse Entrez Gene 10165 Human Q9UJS0



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Background:

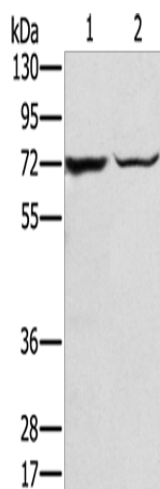
This gene is a member of the mitochondrial carrier family. The encoded protein contains four EF-hand Ca(2+) binding motifs in the N-terminal domain, and localizes to mitochondria. The protein catalyzes the exchange of aspartate for glutamate and a proton across the inner mitochondrial membrane, and is stimulated by calcium on the external side of the inner mitochondrial membrane. Mutations in this gene result in citrullinemia, type II. Multiple transcript variants encoding different isoforms have been found for this gene.

Synonyms:

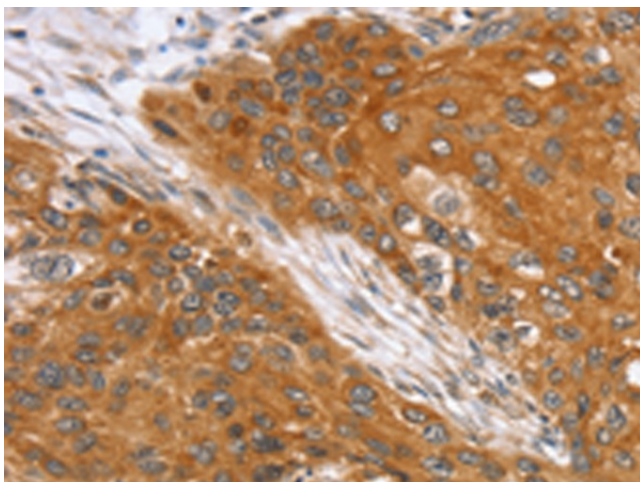
ARALAR2; CITRIN; CTLN2

Protein Families:

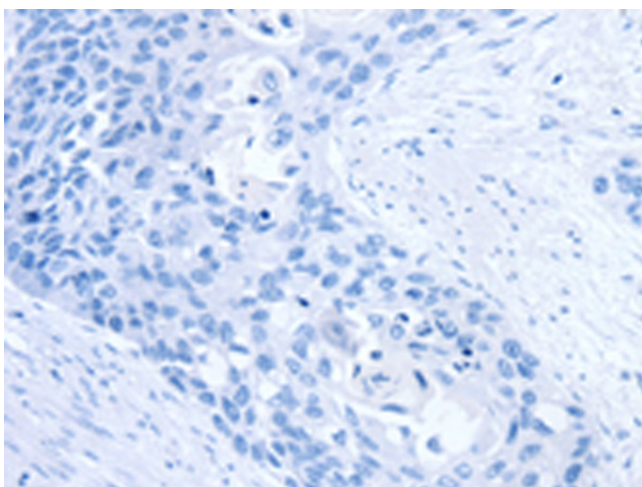
Druggable Genome

Product images:

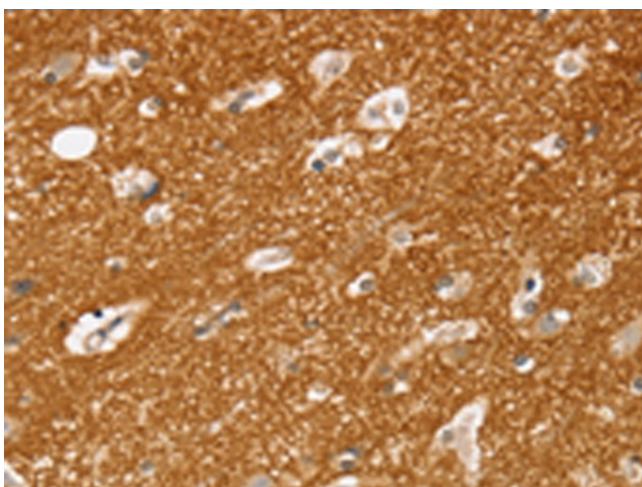
Gel: 8%SDS-PAGE
Lysate: 40 µg
Lane 1-2: Mouse liver tissue
hepg2 cells
Primary antibody: TA350420 (SLC25A13 Antibody)
at dilution 1/450
Secondary antibody: Goat anti rabbit IgG at
1/8000 dilution
Exposure time: 20 seconds



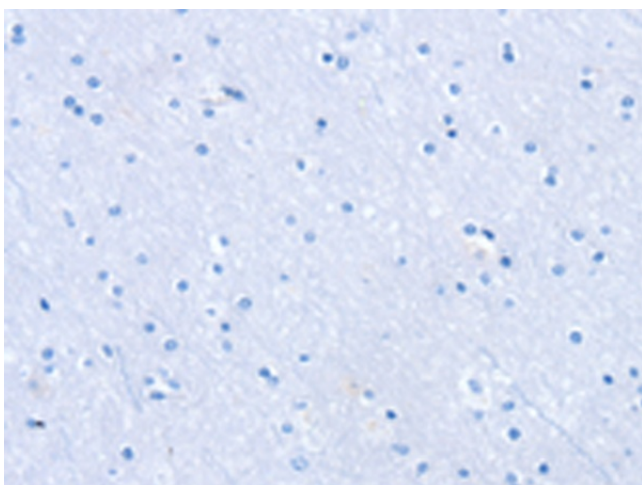
Immunohistochemistry of paraffin-embedded
Human esophagus cancer tissue using TA350420
(SLC25A13 Antibody) at dilution 1/35 (Original
magnification: ×200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA350420 (SLC25A13 Antibody) at dilution 1/35, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using TA350420 (SLC25A13 Antibody) at dilution 1/35 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using TA350420 (SLC25A13 Antibody) at dilution 1/35, treated with fusion protein. (Original magnification: ×200)