

Product datasheet for **TA351700**

SLC41A2 Rabbit Polyclonal Antibody

Product data:

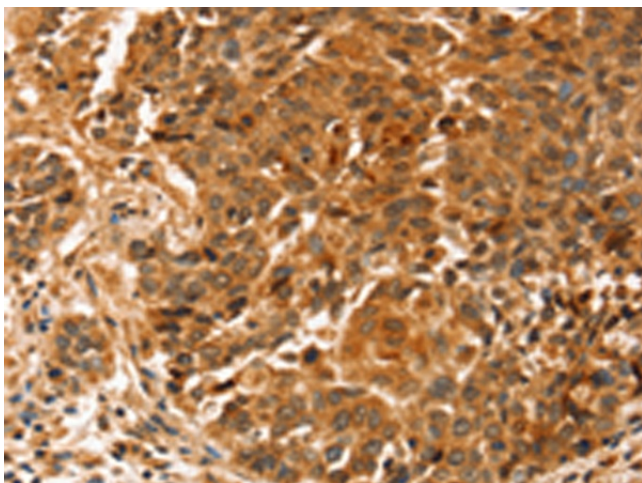
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 25-100 Positive control: Human liver cancer Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human SLC41A2
Formulation:	pH7.4 PBS, 0.05% NaN 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.
Gene Name:	solute carrier family 41 member 2
Database Link:	NP_115524 Entrez Gene 84102 Human Q96JW4
Background:	SLC41A2 (solute carrier family 41, member 2), also known as SLC41A1-L, is a 573 amino acid multi-pass membrane protein that belongs to the SLC41A transporter family that includes SLC41A1 and SLC41A3. Expressed in lymphocytes and localizing to the cell membrane, SLC41A2 contains twelve transmembrane domains, three myristoylation sequences, numerous possible phosphorylation sites and a putative N-glycosylation site. SLC41A2 is believed to function as a plasma-membrane magnesium transporter. Magnesium, a cofactor for ATP, plays a vital role in metabolic and biochemical processes.
Synonyms:	SLC41A1-L1



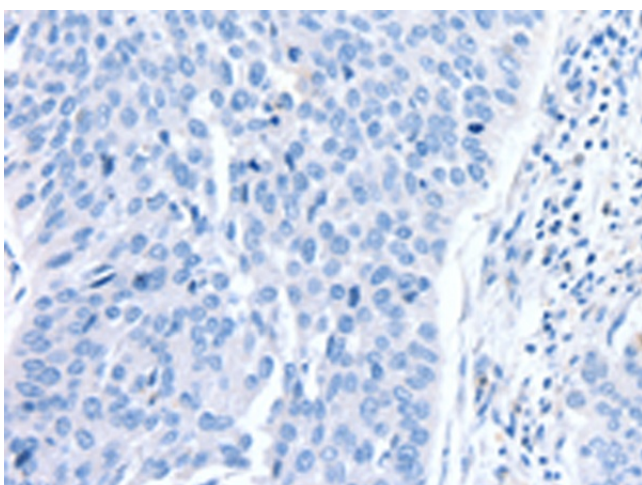
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Protein Families: Transmembrane

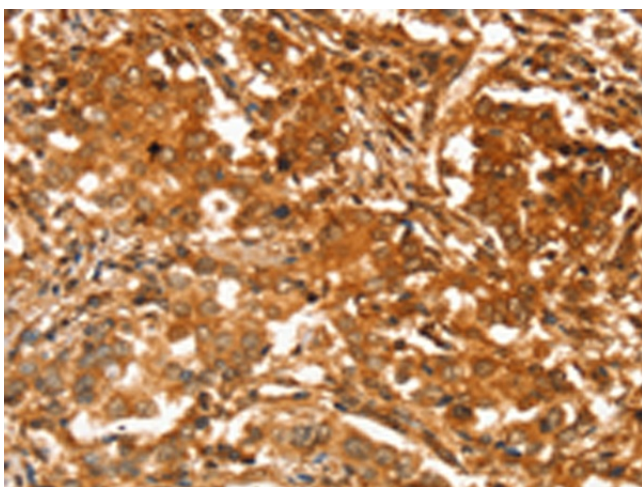
Product images:



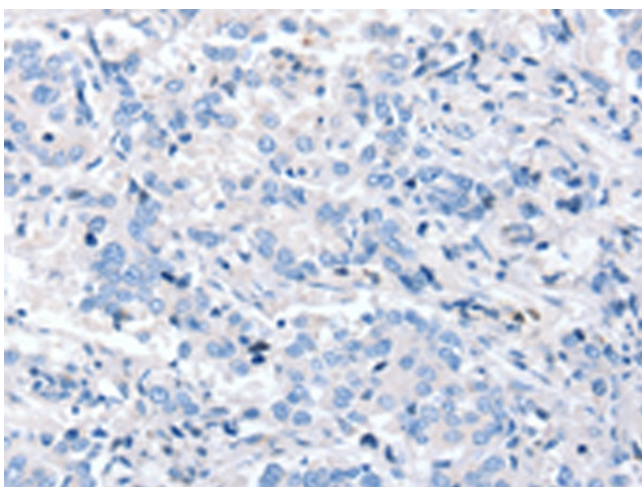
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA351700 (SLC41A2 Antibody) at dilution 1/20 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA351700 (SLC41A2 Antibody) at dilution 1/20, treated with synthetic peptide. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA351700 (SLC41A2 Antibody) at dilution 1/20 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA351700 (SLC41A2 Antibody) at dilution 1/20, treated with synthetic peptide. (Original magnification: ×200)