

Product datasheet for **TA322718**

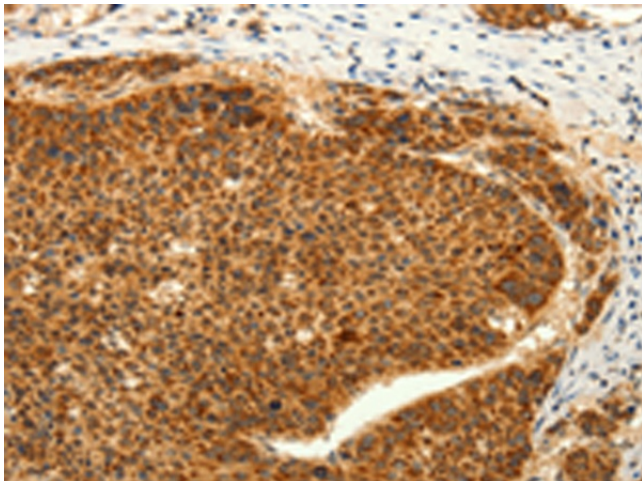
TRPC6 Rabbit Polyclonal Antibody

Product data:

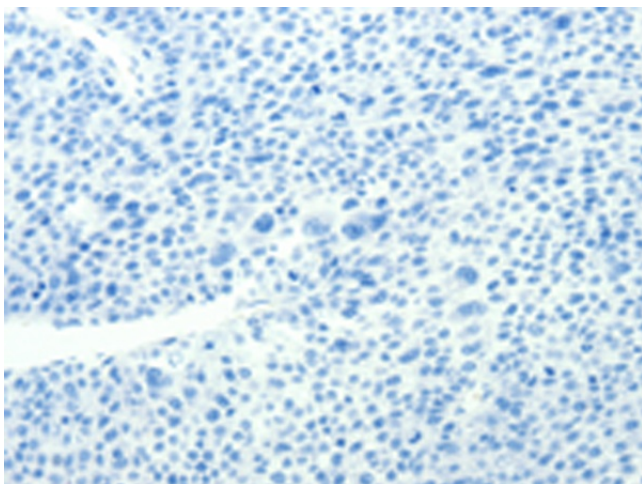
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-200 Positive control: Human liver cancer Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 919-931 amino acids of human transient receptor potential cation channel, subfamily C, member 6
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% 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:	transient receptor potential cation channel subfamily C member 6
Database Link:	NP_004612 Entrez Gene 7225 Human Q9Y210
Background:	The protein encoded by this gene forms a receptor-activated calcium channel in the cell membrane. The channel is activated by diacylglycerol and is thought to be under the control of a phosphatidylinositol second messenger system. Activation of this channel occurs independently of protein kinase C and is not triggered by low levels of intracellular calcium. Defects in this gene are a cause of focal segmental glomerulosclerosis 2 (FSGS2).
Synonyms:	FSGS2; TRP6
Protein Families:	Druggable Genome, Ion Channels: Transient receptor potential, Transmembrane



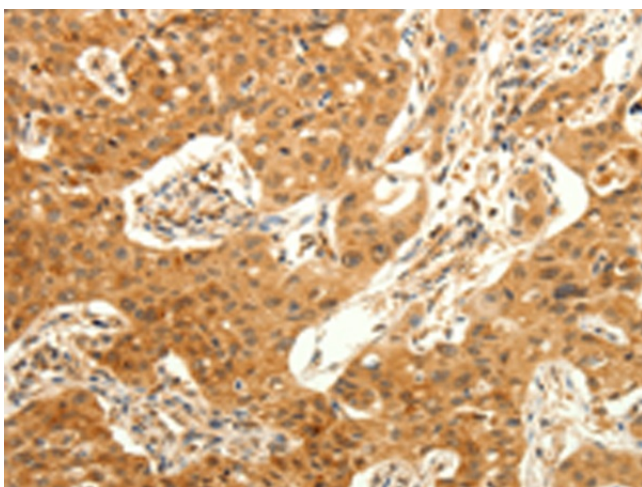
[View online »](#)

Product images:

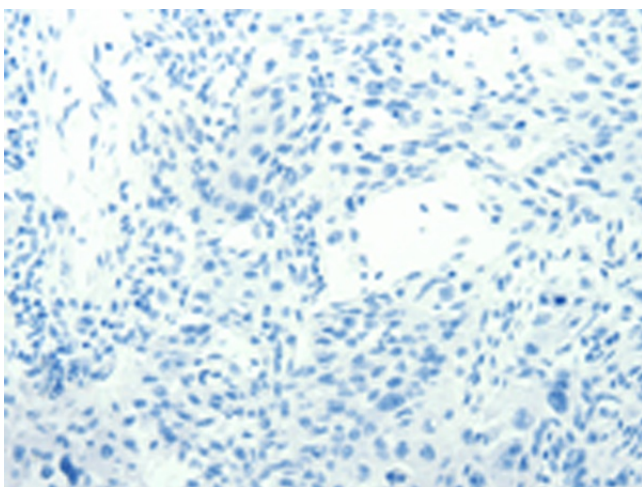
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA322718 (TRPC6 Antibody) at dilution 1/50 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA322718 (TRPC6 Antibody) at dilution 1/50, treated with synthetic peptide. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA322718 (TRPC6 Antibody) at dilution 1/50 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA322718 (TRPC6 Antibody) at dilution 1/50, treated with synthetic peptide. (Original magnification: $\times 200$)