

TRPC5 Antibody

Catalog No: #43643

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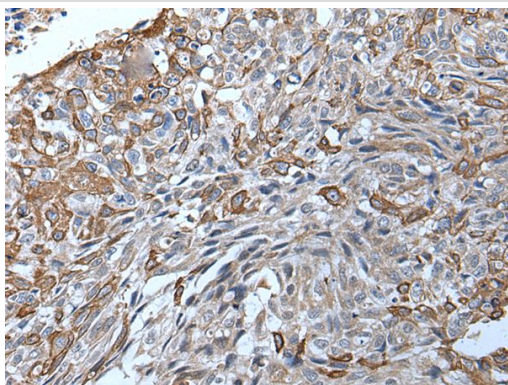
Description

Product Name	TRPC5 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total TRPC5 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human TRPC5
Target Name	TRPC5
Other Names	TRP5; PPP1R159
Accession No.	Swiss-Prot#: Q9UL62NCBI Gene ID: 7224
Uniprot	Q9UL62
GeneID	7224;
Concentration	0.5mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

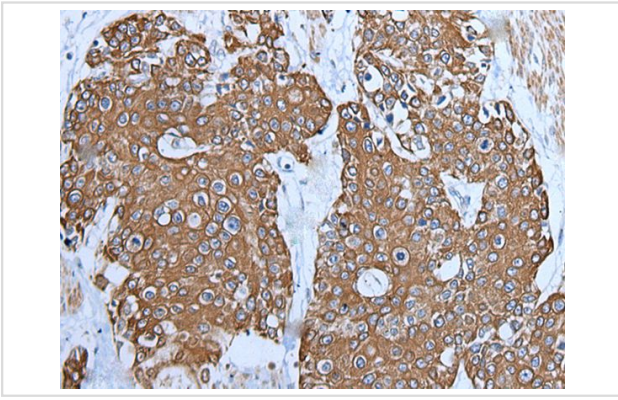
Application Details

Immunohistochemistry: 1: 20-100

Images



The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using TRPC5 Antibody at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: x200)



The image on the left is immunohistochemistry of paraffin-embedded Human prostate cancer tissue using TRPC5 Antibody at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: x200)

Background

This gene belongs to the transient receptor family. It encodes one of the seven mammalian TRPC (transient receptor potential channel) proteins. The encoded protein is a multi-pass membrane protein and is thought to form a receptor-activated non-selective calcium permeant cation channel. The protein is active alone or as a heteromultimeric assembly with TRPC1, TRPC3, and TRPC4. It also interacts with multiple proteins including calmodulin, CABP1, enkurin, Na(+)-H+ exchange regulatory factor (NHERF), interferon-induced GTP-binding protein (MX1), ring finger protein 24 (RNF24), and SEC14 domain and spectrin repeat-containing protein 1 (SESTD1).

Note: This product is for in vitro research use only