TRAPPC4 Antibody

Catalog No: #42979

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

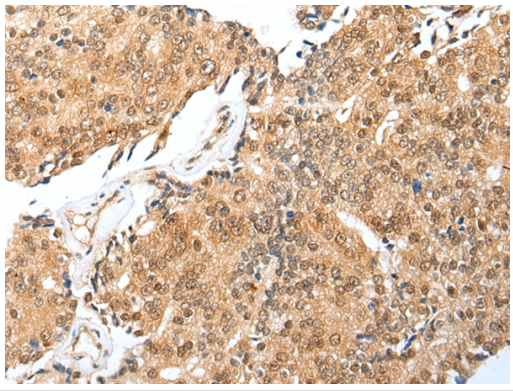
Description

Product Name	TRAPPC4 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total TRAPPC4 protein.
Immunogen Type	protein
Immunogen Description	Full length fusion protein of human TRAPPC4
Target Name	TRAPPC4
Other Names	SBDN; TRS23; PTD009; CGI-104; HSPC172; SYNBINDIN
Accession No.	Swiss-Prot#: Q9Y296Gene ID: 51399
Uniprot	Q9Y296
GeneID	51399;
Concentration	0.3mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

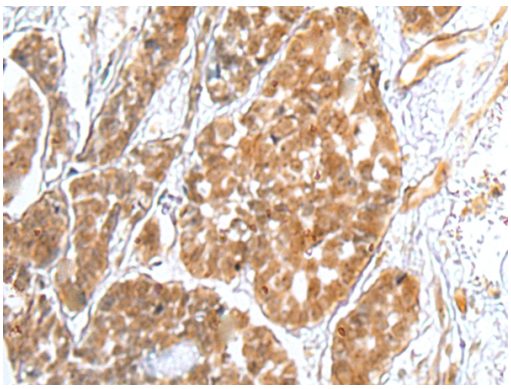
Application Details

Immunohistochemistry: 1:10-1:50

Images



Immunohistochemical analysis of paraffin-embedded Human prostate cancer tissue using #42979 at dilution 1/25.



Immunohistochemical analysis of paraffin-embedded Human esophagus cancer tissue using #42979 at dilution 1/25.

Background

TRAPPC4 (trafficking protein particle complex 4), also known as SBDN, TRS23, PTD009, CGI-104, HSPC172 (hematopoietic stem/progenitor cell protein 172) or SYNBINDIN, is a postsynaptic protein belonging to the TRAPPC4 subfamily of the TRAPP small subunits family of proteins. Expressed in neurons and localizing to the Golgi apparatus, TRAPPC4 is believed to be involved in vesicular transport from the endoplasmic reticulum (ER) to the Golgi, functioning as a component of the multisubunit transport protein particle (TRAPP) complex. Similar to other proteins involved in vesicular transport or synaptic function, TRAPPC4 contains a nonclassical PDZ domain, a TRAPPC1-like domain and a C-terminus that is similar to a short segment of RyR. Via its nonclassical PDZ domain, TRAPPC4 binds to the C-terminal EFYA motif of Syndecan-2, suggesting that TRAPPC4 may play an important role in dendritic spine morphogenesis through membrane-trafficking. May play a role in vesicular transport from endoplasmic reticulum to Golgi.

Note: This product is for in vitro research use only