

## TRPV1 Antibody

Catalog No: #37726

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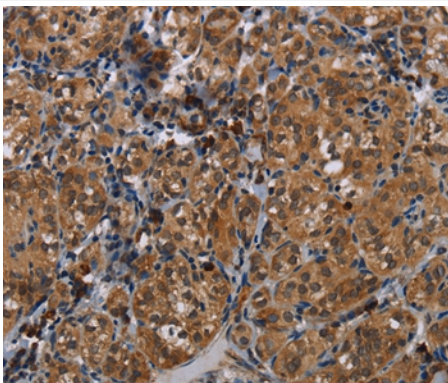
## Description

Product Name	TRPV1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total TRPV1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human transient receptor potential cation channel, subfamily V, member 1
Target Name	TRPV1
Other Names	VR1
Accession No.	Swiss-Prot#: Q8NER1NCBI Gene ID: 7442Gene Accssion: NP_542435
Uniprot	Q8NER1
GeneID	7442;
Concentration	1.2mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

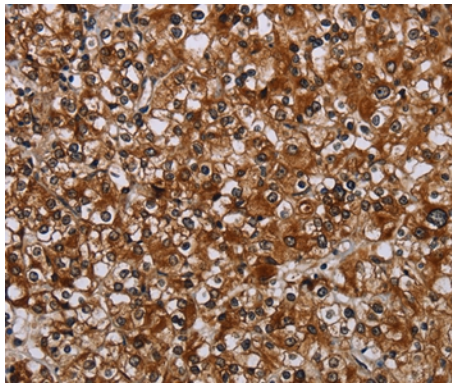
## Application Details

Immunohistochemistry: 1:25-1:100

## Images



Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using #37726 at dilution 1/20.



Immunohistochemical analysis of paraffin-embedded Human prostate cancer tissue using #37726 at dilution 1/20.

## Background

Capsaicin, the main pungent ingredient in hot chili peppers, elicits a sensation of burning pain by selectively activating sensory neurons that convey information about noxious stimuli to the central nervous system. The protein encoded by this gene is a receptor for capsaicin and is a non-selective cation channel that is structurally related to members of the TRP family of ion channels. This receptor is also activated by increases in temperature in the noxious range, suggesting that it functions as a transducer of painful thermal stimuli in vivo. Four transcript variants encoding the same protein, but with different 5' UTR sequence, have been described for this gene.

Note: This product is for in vitro research use only