VDR Antibody

Catalog No: #47234

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

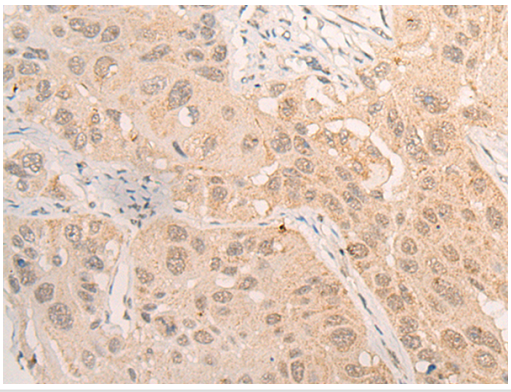
Description

Product Name	VDR Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total VDR protein.
Immunogen Description	Fusion protein of human VDR
Target Name	VDR
Other Names	NR1I1; PPP1R163
Accession No.	Swiss-Prot#:P11473NCBI Gene ID:7421Gene Accssion:BC060832
Uniprot	P11473
GeneID	7421;
Concentration	0.1mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20C

Application Details

Immunofluorescence:1: 20-100

Images



The image is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 47234(VDR Antibody) at dilution 1/20. (Original magnification: ?00)

Background

This gene encodes the nuclear hormone receptor for vitamin D3. This receptor also functions as a receptor for the secondary bile acid lithocholic acid. The receptor belongs to the family of trans-acting transcriptional regulatory factors and shows sequence similarity to the steroid and thyroid hormone receptors. Downstream targets of this nuclear hormone receptor are principally involved in mineral metabolism though the receptor regulates a variety of other metabolic pathways, such as those involved in the immune response and cancer. Mutations in this gene are associated with type II vitamin D-resistant rickets. A single nucleotide polymorphism in the initiation codon results in an alternate translation start site three codons downstream.

Alternative splicing results in multiple transcript variants encoding different proteins.

Note: This product is for in vitro research use only