

## DDR2 Antibody

Catalog No: #37159



Package Size: #37159-1 50ul #37159-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

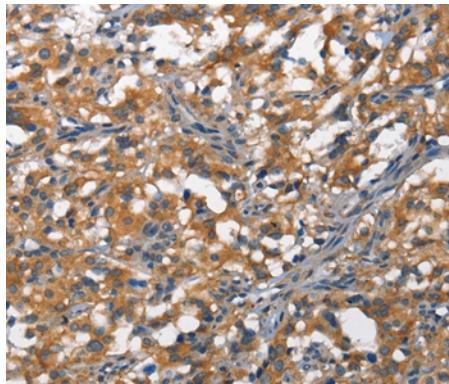
## Description

Product Name	DDR2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Human;Mouse
Specificity	The antibody detects endogenous levels of total DDR2 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human discoidin domain receptor tyrosine kinase 2
Conjugates	Unconjugated
Target Name	DDR2
Other Names	TKT; MIG20a; NTRKR3; TYRO10
Accession No.	Swiss-Prot#: Q16832NCBI Gene ID: 4921Gene Accsion: NP_006173
Concentration	1.6mg/ml
Formulation	Rabbit IgG in pH7.3 PBS, 0.05% NaN3, 50% Glycerol.
Storage	Store at -20°C

## Application Details

Immunohistochemistry: 1:50-1:200

## Images



Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using #37159 at dilution 1/40.

## Background

Receptor tyrosine kinases (RTKs) play a key role in the communication of cells with their microenvironment. These molecules are involved in the regulation of cell growth, differentiation, and metabolism. In several cases the biochemical mechanism by which RTKs transduce signals across the

membrane has been shown to be ligand induced receptor oligomerization and subsequent intracellular phosphorylation. This autophosphorylation leads to phosphorylation of cytosolic targets as well as association with other molecules, which are involved in pleiotropic effects of signal transduction. RTKs have a tripartite structure with extracellular, transmembrane, and cytoplasmic regions. This gene encodes a member of a novel subclass of RTKs and contains a distinct extracellular region encompassing a factor VIII-like domain.?

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.