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Datasheet for ABIN7238189 anti-DDR2 antibody

Image



#### Overview

Quantity:	200 µL
Target:	DDR2
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDR2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

## Product Details

Immunogen:	Synthetic peptide of human DDR2
Isotype:	lgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

## Target Details

Target:	DDR2
Alternative Name:	DDR2 (DDR2 Products)
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

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## Target Details

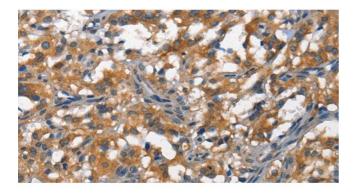
	and subsequent intracellular phosphorylation. This autophosphorylation leads to
	phosphorylation of cytosolic targets as well as association with other molecules, which are
	involved in pleiotropic effects of signal transduction. RTKs have a tripartite structure with
	extracellular, transmembrane, and 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.
NCBI Accession:	like domain. NP_006173
NCBI Accession: UniProt:	

## Application Details

Application Notes:	IHC 1:50-1:200
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.3 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using DDR2 Polyclonal Antibody at dilution 1:40

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