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Datasheet for ABIN7156290 anti-IMPDH2 antibody (AA 215-514)

2 Images



Overview

Quantity:	100 µL
Target:	IMPDH2
Binding Specificity:	AA 215-514
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IMPDH2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Inosine-5\\\'-monophosphate dehydrogenase 2 protein (215-514AA)
Isotype:	lgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

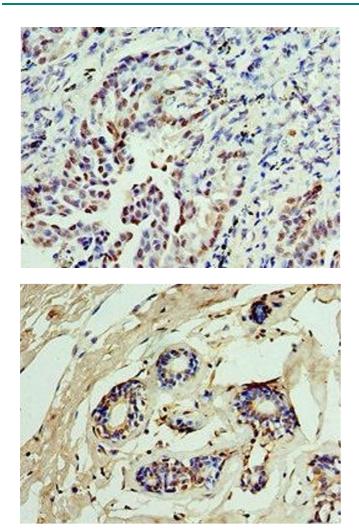
Target Details

Target:	IMPDH2
Alternative Name:	IMPDH2 (IMPDH2 Products)
Background:	Background: Catalyzes the conversion of inosine 5\\\'-phosphate (IMP) to xanthosine 5\\\'-
	phosphate (XMP), the first committed and rate-limiting step in the de novo synthesis of guanine

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	nucleotides, and therefore plays an important role in the regulation of cell growth. Could also
	have a single-stranded nucleic acid-binding activity and could play a role in RNA and/or DNA
	metabolism. It may also have a role in the development of malignancy and the growth
	progression of some tumors.
	Aliases: IMDH2_HUMAN antibody, IMP (inosine monophosphate) dehydrogenase 2 antibody,
	IMP dehydrogenase 2 antibody, IMP oxireductase 2 antibody, IMPD 2 antibody, IMPD2
	antibody, IMPDH 2 antibody, IMPDH II antibody, IMPDH-II antibody, Impdh2 antibody, Inosine 5
	monophosphate dehydrogenase 2 antibody, Inosine 5' phosphate dehydrogenase 2 antibody,
	Inosine monophosphate dehydrogenase type II antibody, Inosine-5"-monophosphate
	dehydrogenase 2 antibody
UniProt:	P12268
Pathways:	Ribonucleoside Biosynthetic Process, SARS-CoV-2 Protein Interactome
Application Details	
Application Notes:	Recommended dilution: IHC:1:20-1:200,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
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,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human lung cancer using ABIN7156290 at dilution of 1:100

Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human breast cancer using ABIN7156290 at dilution of 1:100

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