.-online.com antibodies

Datasheet for ABIN7004025 anti-RNF146 antibody

Image



Overview

Quantity:	20 µL
Target:	RNF146
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RNF146 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Fusion protein of human RNF146
Isotype:	lgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

Target Details

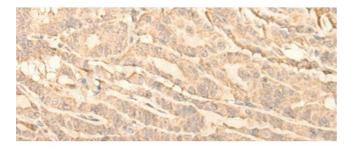
Target:	RNF146
Alternative Name:	RNF146 (RNF146 Products)
Background:	E3 ubiquitin-protein ligase that specifically binds poly-ADP-ribosylated (PARsylated) proteins and mediates their ubiquitination and subsequent degradation. May regulate many important
	biological processes, such as cell survival and DNA damage response. Acts as an activator of
	the Wnt signaling pathway by mediating the ubiquitination of PARsylated AXIN1 and AXIN2, 2

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN7004025 | 09/10/2023 | Copyright antibodies-online. All rights reserved.

	key components of the beta-catenin destruction complex. Acts in cooperation with tankyrase
	proteins (TNKS and TNKS2), which mediate PARsylation of target proteins AXIN1, AXIN2,
	BLZF1, CASC3, TNKS and TNKS2. Recognizes and binds tankyrase-dependent PARsylated
	proteins via its WWE domain and mediates their ubiquitination, leading to their degradation.
	Different ubiquitin linkage types have been observed: TNKS2 undergoes ubiquitination at 'Lys-
	48' and 'Lys-63', while AXIN1 is only ubiquitinated at 'Lys-48'. May regulate TNKS and TNKS2
	subcellular location, preventing aggregation at a centrosomal location. Neuroprotective protein.
	Protects the brain against N-methyl-D-aspartate (NMDA) receptor-mediated glutamate
	excitotoxicity and ischemia, by interfering with PAR-induced cell death, called parthanatos.
	Prevents nuclear translocation of AIFM1 in a PAR-binding dependent manner. Does not affect
	PARP1 activation (By similarity). Protects against cell death induced by DNA damaging agents,
	such as N-methyl-N-nitro-N-nitrosoguanidine (MNNG) and rescues cells from G1 arrest.
	Promotes cell survival after gamma-irradiation. Facilitates DNA repair.
UniProt:	Q9NTX7

Application Details

Application Notes:	IHC 1:30-1:150, ELISA 1:5000-1:10000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1.02 mg/mL
Buffer:	PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4
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 RNF146 Polyclonal Antibody at dilution of 1:30(x200)

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN7004025 | 09/10/2023 | Copyright antibodies-online. All rights reserved.