.-online.com antibodies

Datasheet for ABIN7294846 anti-ACVRL1 antibody (Center)

3 Images



Overview

Quantity:	100 µL	
Target:	ACVRL1	
Binding Specificity:	Center	
Reactivity:	Human, Mouse, Rat, Dog, Pig, Cow	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This ACVRL1 antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)	

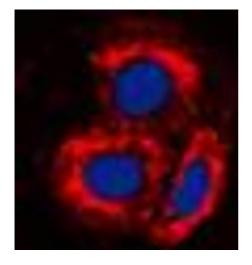
Product Details

Immunogen: KLH-conjugated synthetic peptide encompassing a sequence within the cent			
-	ALK1.		
Specificity:	Recognizes endogenous levels of ALK1 protein.		
Characteristics:	Rabbit polyclonal antibody to ALK1		
Purification:	The antibody was purified by immunogen affinity chromatography.		
Target Details			
Target:	ACVRL1		
Alternative Name:	ALK1 (ACVRL1 Products)		

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 ABIN7294846 | 04/12/2024 | Copyright antibodies-online. All rights reserved.

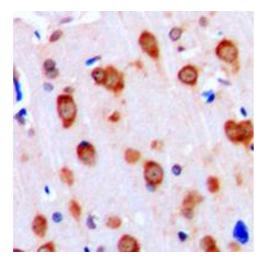
Target Details			
Background:	ACVRLK1, ALK1, Serine/threonine-protein kinase receptor R3, SKR3, Activin receptor-like kinase		
	1, ALK-1, TGF-B superfamily receptor type I, TSR-I		
Gene ID:	94, 11482, 25237		
UniProt:	P37023, Q61288, P80203		
Application Details			
Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200), IF/IC (1:100 - 1:500)		
Restrictions:	For Research Use only		
Handling			
Format:	Liquid		
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and		
	0.01 % sodium azide.		
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:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		
Expiry Date:	12 months		

Images



Immunofluorescence

Image 1. Immunofluorescent analysis of ALK1 staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room



kDa	Α	В	С
250	-		
130			
70			
51	-	-	-
38			
28			
19			
16			

temperature in the dark. DAPI was used to stain the cell nuclei (blue).

Immunohistochemistry

Image 2. Immunohistochemical analysis of ALK1 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Western Blotting

Image 3. Western blot analysis of ALK1 expression in MCF7 (A), mouse liver (B), rat liver (C) whole cell lysates.

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 ABIN7294846 | 04/12/2024 | Copyright antibodies-online. All rights reserved.