.-online.com antibodies

Datasheet for ABIN6256040 anti-Vinculin antibody (pTyr822)

3 Images



Overview

Quantity:	100 μL	
Target:	Vinculin (VCL)	
Binding Specificity:	pTyr822	
Reactivity:	Human, Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This Vinculin antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)	

Product Details

Immunogen:	A synthesized peptide derived from human Vinculin around the phosphorylation site of Tyr822.
Isotype:	lgG
Specificity:	Phospho-Vinculin (Tyr822) Antibody detects endogenous levels of Vinculin only when phosphorylated at Tyrosine 822.
Predicted Reactivity:	Pig,Horse,Sheep,Rabbit,Dog,Chicken
Purification:	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.

Target Details

Т	- nr	a	$^{+}$
- 1	aı	ų٩	Ξι.

Vinculin (VCL)

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 ABIN6256040 | 09/10/2023 | Copyright antibodies-online. All rights reserved.

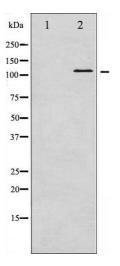
Target Details		
Alternative Name:	VCL (VCL Products)	
Background:	Description: Actin filament (F-actin)-binding protein involved in cell-matrix adhesion and cell-cell adhesion. Regulates cell-surface E-cadherin expression and potentiates mechanosensing by the E-cadherin complex. May also play important roles in cell morphology and locomotion. Gene: VCL	
Molecular Weight:	123kDa	
Gene ID:	7414	
UniProt:	P18206	
Pathways:	Cell-Cell Junction Organization, Maintenance of Protein Location, Signaling Events mediated by VEGFR1 and VEGFR2	
Application Details		
Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 mg/mL	
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.	
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	

Expiry Date: 12 months

Storage Comment:

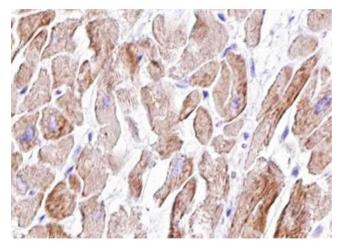
Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/3 | Product datasheet for ABIN6256040 | 09/10/2023 | Copyright antibodies-online. All rights reserved.

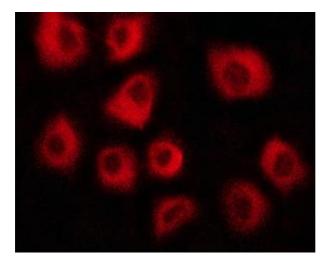
Store at -20 °C. Stable for 12 months from date of receipt.



Western Blotting

Image 1. Western blot analysis of Vinculin phosphorylation expression in forskolin treated HeLa whole cell lysates,The lane on the left is treated with the antigen-specific peptide.





Immunohistochemistry

Image 2. ABIN6267417 at 1/100 staining human Heart muscle tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

Immunofluorescence (fixed cells)

Image 3. ABIN6267417 staining HepG2 cells by ICC/IF. Cells were fixed with PFA and permeabilized in 0.1% saponin prior to blocking in 10% serum for 45 minutes at 37°C. The primary antibody was diluted 1/400 and incubated with the sample for 1 hour at 37°C. A Alexa Fluor 594 conjugated goat polyclonal to rabbit IgG (H+L), diluted 1/600 was used as secondary antibody.

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 ABIN6256040 | 09/10/2023 | Copyright antibodies-online. All rights reserved.