.-online.com antibodies

Datasheet for ABIN915161 anti-SHoc2/Sur8 antibody (AA 36-120) (Biotin)



Overview

Quantity:	100 μL
Target:	SHoc2/Sur8 (SHOC2)
Binding Specificity:	AA 36-120
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SHoc2/Sur8 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SHOC2/Sur8
Isotype:	lgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Sheep,Chicken
Purification:	Purified by Protein A.
Target Details	
Target:	SHoc2/Sur8 (SHOC2)
Alternative Name:	SHOC2 (SHOC2 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 1/2 | Product datasheet for ABIN915161 | 03/07/2024 | Copyright antibodies-online. All rights reserved.

Target Details	
Background:	Synonyms: Leucine-rich repeat protein SHOC-2, Leucine-rich repeat protein SHOC-2, Ras- binding protein Sur-8, KIAA0862, Leucine-rich repeat protein SHOC-2, Protein soc-2 homolog, Protein Sur-8 homolog, SHOC2, SHOC2_HUMAN. Background: Regulatory subunit of protein phosphatase 1 (PP1c) that acts as a M-Ras/MRAS effector and participates in MAPK pathway activation. Upon M-Ras/MRAS activation, targets PP1c to specifically dephosphorylate the 'Ser-259' inhibitory site of RAF1 kinase and stimulate RAF1 activity at specialized signaling complexes.Involvement in disease:Defects in SHOC2 are the cause of Noonan syndrome-like with loose anagen hair (NSLAH) . NSLAH children display macrocephaly, high forehead, hypertelorism, palpebral ptosis, low-set and posteriorly rotated ears, short and webbed neck and pectus anomalies. Affected subjects also have easily pluckable, sparse, thin and slow-growing hair.
Gene ID:	8036
Application Details	
Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months

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 2/2 | Product datasheet for ABIN915161 | 03/07/2024 | Copyright antibodies-online. All rights reserved.