## antibodies - online.com







## anti-ROS1 antibody (C-Term)



Image

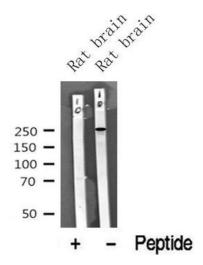


$\cup$	VE	er'	VI	е	V	

Quantity:	100 μL	
Target:	ROS1	
Binding Specificity:	C-Term	
Reactivity:	Human, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This ROS1 antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA	
Product Details		
Immunogen:	A synthesized peptide derived from human ROS, corresponding to a region within C-terminal amino acids.	
Isotype:	IgG	
Specificity:	ROS Antibody detects endogenous levels of total ROS.	
Predicted Reactivity:	Pig,Horse,Sheep	
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink <sup>TM</sup> Coupling Resin (Thermo Fisher Scientific).	
Target Details		
Target:	ROS1	

## Target Details

Description: Orphan receptor tyrosine kinase (RTK) that plays a role in epithelial cell differentiation and regionalization of the proximal epididymal epithelium. May activate several downstream signaling pathways related to cell differentiation, proliferation, growth and survival including the PI3 kinase-mTOR signaling pathway. Mediates the phosphorylation of PTPN11, ar	
activator of this pathway. May also phosphorylate and activate the transcription factor STAT3 to control anchorage-independent cell growth. Mediates the phosphorylation and the activation of VAV3, a guanine nucleotide exchange factor regulating cell morphology. May activate other downstream signaling proteins including AKT1, MAPK1, MAPK3, IRS1 and PLCG2.  Gene: ROS1	
263kDa	
6098	
P08922	
RTK Signaling	
WB 1:500-1:2000, ELISA(peptide) 1:20000-1:40000	
For Research Use only	
Liquid	
1 mg/mL	
Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.	
Sodium azide	
This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
-20 °C	
Store at -20 °C. Stable for 12 months from date of receipt.	
12 months	



## **Western Blotting**

**Image 1.** Western blot analysis of extracts of Rat brain tissue sample, using ROS Antibody(ABIN6272818).