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anti-ROS1 antibody (N-Term)

3 Images



Go to Product page

Overview

Target:

Alternative Name:

0.4 mL
ROS1
AA 33-63, N-Term
Human
Rabbit
Polyclonal
This ROS1 antibody is un-conjugated
Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)),
Immunofluorescence (IF), Enzyme Immunoassay (EIA)
KLH conjugated synthetic peptide between 33~63 amino acids from the N-terminal region of
Human ROS.
Ig Fraction
This antibody reacts to ROS.
Protein G column, eluted with high and low pH buffers and neutralized immediately, followed by
dialysis against PBS

ROS1

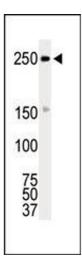
ROS1 (ROS1 Products)

Target Details

Background:	Protein kinases are enzymes that transfer a phosphate group from a phosphate donor,
	generally the g phosphate of ATP, onto an acceptor amino acid in a substrate protein. By this
	basic mechanism, protein kinases mediate most of the signal transduction in eukaryotic cells,
	regulating cellular metabolism, transcription, cell cycle progression, cytoskeletal rearrangement
	and cell movement, apoptosis, and differentiation. With more than 500 gene products, the
	protein kinase family is one of the largest families of proteins in eukaryotes. The family has
	been classified in 8 major groups based on sequence comparison of their tyrosine (PTK) or
	serine/threonine (STK) kinase catalytic domains. The tyrosine kinase (TK) group is mainly
	involved in the regulation of cell-cell interactions such as differentiation, adhesion, motility and
	death. There are currently about 90 TK genes sequenced, 58 are of receptor protein TK (e.g.
	EGFR, EPH, FGFR, PDGFR, TRK, and VEGFR families), and 32 of cytosolic TK (e.g. ABL, FAK,
	JAK, and SRC families). Synonyms: Proto-oncogene tyrosine-protein kinase ROS, ROS, Tyrosine-
	protein kinase ROS, c-Ros-1
Gene ID:	6098, 9606
UniProt:	P08922
Pathways:	RTK Signaling
Application Details	
Application Notes:	ELISA: 1/1,000. Western blotting: 1/100 - 1/500. Immunohistochemistry: 1/50 - 1/100.
	Other applications not tested.
	Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) 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.
Handling Advice:	Avoid repeated freezing and thawing.

Handling

Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at-20 °C for longer.
Images	





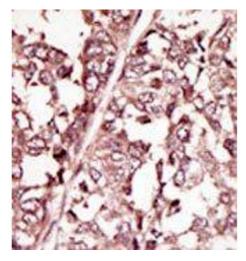


Image 2.

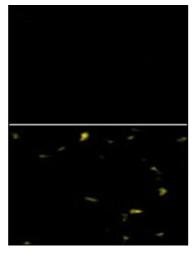


Image 3.