

## Product datasheet for **TA392630S**

### ROS1 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500~1:1000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic phosphopeptide derived from human ROS around the phosphorylation site of Tyrosine 2114.
Specificity:	p-ROS (Y2114) polyclonal antibody detects endogenous levels of human ROS only when phosphorylated at Tyr2114.
Formulation:	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Concentration:	1mg/ml
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Stability:	1 year
Predicted Protein Size:	~ 55-80 kDa
Gene Name:	ROS proto-oncogene 1, receptor tyrosine kinase
Database Link:	<a href="#">Entrez Gene 6098 Human P08922</a>
Background:	LTK, ALK and Ros have been identified as receptor tyrosine kinases having sequence similarity to the insulin receptor subfamily of kinases. LTK, leukocyte tyrosine kinase, is expressed in murine B-lymphocyte precursors and has also been found in forebrain neurons. ALK, anaplastic lymphoma kinase, is normally highly expressed specifically in the nervous system. A truncated form containing the catalytic domain of ALK is expressed as the result of a translocation occurring in many non-Hodgkin's lymphomas. The c-ros gene was originally identified in mutant form as an oncogene. Ros is normally expressed in a small number of epithelial cell types and may play a role in epithelial development.



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**Synonyms:** c-Ros receptor tyrosine kinase; MCF3; Proto-oncogene c-Ros; Proto-oncogene c-Ros-1; Proto-oncogene tyrosine-protein kinase ROS; Receptor tyrosine kinase c-ros oncogene 1; ROS; ROS1

**Note:** For research use only, not for use in diagnostic procedure.

**Product images:**

