

Product datasheet for TA392630

ROS1 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications:

Recommended Dilution: WB: 1:500~1:1000 Reactivity: Human, Mouse, Rat

Host: Rabbit Isotype: lgG

Clonality: Polyclonal

Synthetic phosphopeptide derived from human ROS around the phosphorylation site of Immunogen:

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: Entrez Gene 6098 Human

P08922

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 domian of ALK is expressed as the result of a translocation occuring 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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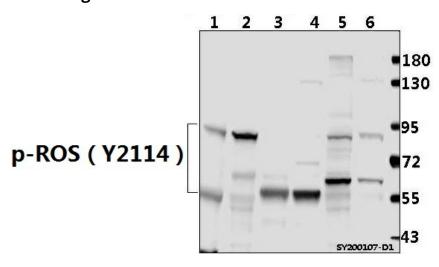


Synonyms: c-Ros receptor tyrosine kinase; MCF3; Proto-oncogene c-Ros; Proto-oncogene c-Ros-1; Proto-oncogene c-Ros receptor tyrosine kinase; MCF3; Proto-oncogene c-Ros; Proto-oncogene c-Ros-1; Pro

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:



Western blot (WB) analysis of p-ROSIY2114) pAb at 1:500 dilution Lane1:C6 whole cell lysate(40ug) Lane2:Hela whole cell lysate(40ug) Lane3:The Brain tissue lysate of Mouse(40ug) Lane4:The Brain tissue lysate of Rat(40ug) Lane5:HEK293T whole cell lysate(40ug) Lane6:A549 whole cell lysate(40ug)