

ROS (phospho-Y2114) polyclonal antibody

Catalog: BCP01450

Host: Rabbit

Reactivity: Human,Mouse,Rat

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.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 55-80 kDa

Swiss-Prot:

P08922

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

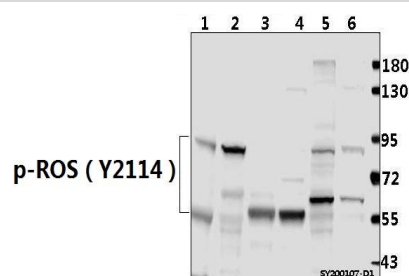
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

p-ROS (Y2114) polyclonal antibody detects endogenous levels of human ROS only when phosphorylated at Tyr2114.

DATA:



Western blot (WB) analysis of p-ROS (Y2114) 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)

Note:

For research use only, not for use in diagnostic procedure.