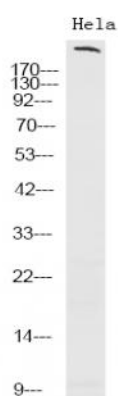


**ROS1 (Phospho Tyr2274) rabbit pAb**

<b>Catalog No :</b>	YP1469
<b>Reactivity :</b>	Human;Rat;Mouse;
<b>Applications :</b>	WB;IF
<b>Target :</b>	ROS1
<b>Gene Name :</b>	ROS1 MCF3 ROS
<b>Protein Name :</b>	ROS1 (Tyr2274)
<b>Human Gene Id :</b>	6098
<b>Human Swiss Prot No :</b>	P08922
<b>Mouse Gene Id :</b>	19886
<b>Mouse Swiss Prot No :</b>	Q78DX7
<b>Rat Gene Id :</b>	25346
<b>Rat Swiss Prot No :</b>	Q63132
<b>Immunogen :</b>	Synthesized phospho peptide around human ROS1 (Tyr2274)
<b>Specificity :</b>	This antibody detects endogenous levels of Human ROS1 (phospho-Tyr2274)
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:1000-2000. IF 1:50-200
<b>Purification :</b>	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.

<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	258kD
<b>Background :</b>	This proto-oncogene, highly-expressed in a variety of tumor cell lines, belongs to the sevenless subfamily of tyrosine kinase insulin receptor genes. The protein encoded by this gene is a type I integral membrane protein with tyrosine kinase activity. The protein may function as a growth or differentiation factor receptor. [provided by RefSeq, Jul 2008],
<b>Function :</b>	catalytic activity:ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate.,disease:A chromosomal aberration involving ROS1 is found in glioblastoma multiform (GBM). An homozygous deletion in chromosome 6q21 results in expression of a GOPC-ROS1 chimeric protein which has a constitutive receptor tyrosine kinase activity.,function:This is probably a cell growth or differentiation factor receptor with a tyrosine-protein kinase activity.,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family. Insulin receptor subfamily.,similarity:Contains 1 protein kinase domain.,similarity:Contains 9 fibronectin type-III domains.,
<b>Subcellular Location :</b>	Cell membrane ; Single-pass type I membrane protein .
<b>Expression :</b>	Expressed in brain. Expression is increased in primary gliomas.

## Products Images



Western Blot analysis of HeLa using primary antibody at 1:1000 dilution 4°C, overnight. Secondary antibody(catalog#:RS23920) was diluted at 1:10000 25°C[?]1.5hours