

Anti-Phospho-Peroxiredoxin 1 (Tyr194) Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human
Conjugation:	Unconjugated
Molecular Weight:	Actual: 21 kDa.
Purification:	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.

Applications

Application:	WB
Recommended	WB: 1:1000-2000

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthesized phosphopeptide: human Prdx1 around the phosphorylation site of Tyr194
Antigen Species:	Human
Uniprot ID:	Q06830
Synonyms:	Peroxiredoxin 1 (p-Tyr194);Peroxiredoxin 1 (p-Y194);p-Peroxiredoxin 1 (Tyr194);p-Peroxiredoxin 1 (Y194)

Research Background

peroxiredoxin 1 (PRDX1) Homo sapiens This gene encodes a member of the peroxiredoxin family of antioxidant enzymes, which reduce hydrogen peroxide and alkyl hydroperoxides. The encoded protein may play an antioxidant protective role in cells, and may contribute to the antiviral activity of CD8(+) T-cells. This protein may have a proliferative effect and play a role in cancer development or progression. Four transcript variants encoding the same protein have been identified for this gene. [provided by RefSeq, Jan 2011],

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