

## Epo-R (Phospho-Tyr368) Antibody

Catalog No: #11996



Package Size: #11996-1 50ul #11996-2 100ul

Orders: order@signalwayantibody.com

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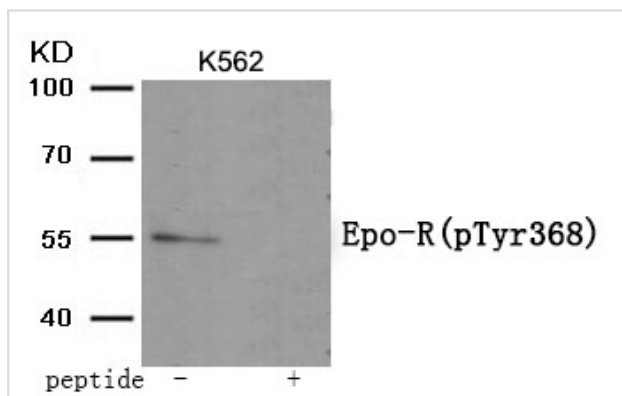
## Description

Product Name	Epo-R (Phospho-Tyr368) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Applications	WB
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous level of Epo-R only when phosphorylated at tyrosine 368.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of Tyrosine 368 (D-T-Y(p)-L-V) derived from Human Epo-R.
Target Name	Epo-R
Modification	Phospho
Other Names	EPO R; EPO-R; epor;
Accession No.	Swiss-Prot#: P19235; NCBI Gene#: 2057; NCBI Protein#: NP_000112.1
SDS-PAGE MW	55kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

## Application Details

Western blotting: 1:500~1:1000

## Images



Western blot analysis of extracts from K562 tissue using Epo-R (Phospho-Tyr368) antibody #11996. The lane on the right is treated with the antigen-specific peptide.

## Background

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Receptor for erythropoietin. Mediates erythropoietin-induced erythroblast proliferation and differentiation. Upon EPO stimulation, EPOR dimerizes triggering the JAK2/STAT5 signaling cascade. In some cell types, can also activate STAT1 and STAT3. May also activate the LYN tyrosine kinase. Isoform EPOR-T acts as a dominant-negative receptor of EPOR-mediated signaling.

Funakoshi-Tago M, et al. (2010) J Biol Chem 285, 5296-307

Sulahian R, Cleaver O, Huang LJ (2009) Blood 113, 5287-97

Zhang YL, et al. (2009) Mol Cell 33, 266-74

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.