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Datasheet for ABIN7138993
anti-EPOR antibody (pTyr368)

1 Image

Overview

Quantity:	100 µL
Target:	EPOR
Binding Specificity:	pTyr368
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EPOR antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Peptide sequence around phosphorylation site of Tyrosine 368 (D-T-Y(p)-L-V) derived from Human Epo-R.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
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

Target Details

Target:	EPOR
Alternative Name:	EPOR (EPOR Products)

Target Details

Background:	<p>Background:</p> <p>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.</p> <p>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</p> <p>Aliases: EPO R antibody, EPO Receptor antibody, EPO-R antibody, epor antibody, EPOR_HUMAN antibody, Erythropoietin receptor antibody, Erythropoietin receptor precursor antibody, MGC138358 antibody</p>
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UniProt:	P19235
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Pathways:	JAK-STAT Signaling
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Application Details

Application Notes:	WB:1:500-1:1000,
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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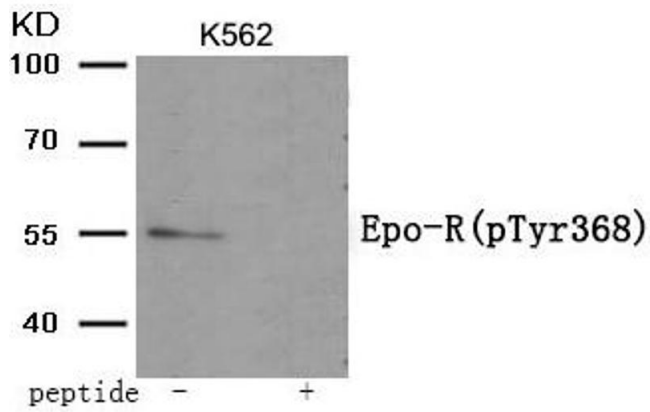
Buffer:	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	-20 °C,-80 °C
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Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
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Western Blotting

Image 1. Western blot analysis of extracts from K562 tissue using Epo-R (Phospho-Tyr368) antibody. The lane on the right is treated with the antigen-specific peptide.