Datasheet for ABIN686347

anti-EPOR antibody (AA 301-450)

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Overview

Quantity:	100 µL
Target:	EPOR
Binding Specificity:	AA 301-450
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EPOR antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human EPOR
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Horse
Purification:	Purified by Protein A.

Target Details

Target:	EPOR

Target Details

Alternative Name:	EPOR (EPOR Products)
Background:	Synonyms: EPO-R, Erythropoietin receptor, EPOR Background: 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.
Gene ID:	2057
UniProt:	P19235
Pathways:	JAK-STAT Signaling

Application Details

Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	FCM 1:20-100
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

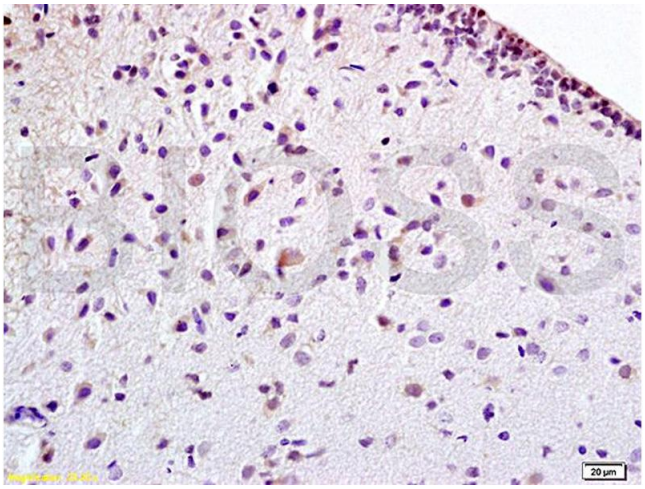
Handling

Expiry Date:	12 months

Publications

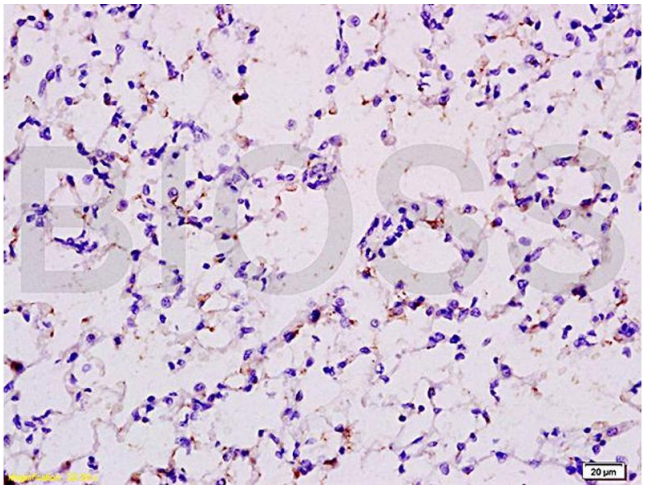
Product cited in:	Li, Chen, Shao, Tang, Chen, Chen, Xu: "Oxidative stress induces the decline of brain EPO expression in aging rats." in: **Experimental gerontology**, Vol. 83, pp. 89-93, (2016) (PubMed). Zhong, Zhang: "Age-associated expression of erythropoietin and its receptor in rat spiral ganglion neurons and its association with neuronal apoptosis and hearing alterations." in: **Molecular medicine reports**, Vol. 15, Issue 1, pp. 228-234, (2016) (PubMed).

Images



Immunohistochemistry

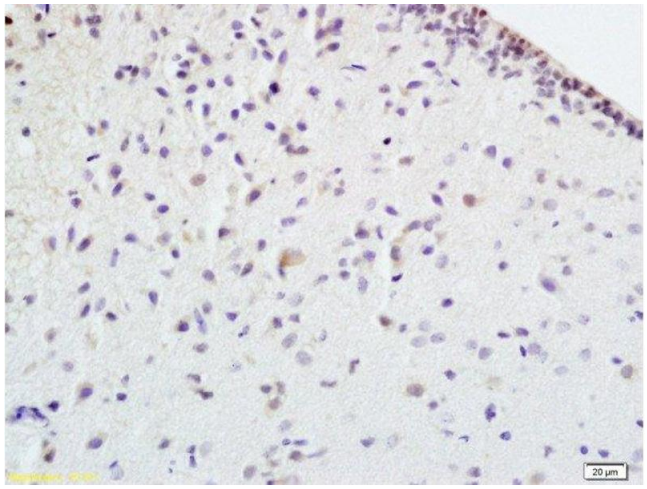
Image 1. Formalin-fixed and paraffin embedded rat brain tissue labeled withAnti-EPOR Polyclonal Antibody (ABIN686347), Unconjugated at 1:100 followed by conjugation to the secondary antibody, (SP-0023), and DAB staining



Immunohistochemistry

Image 2. Formalin-fixed and paraffin embedded rat lung tissue labeled with Anti-EPOR Polyclonal Antibody (ABIN686347), Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin embedded rat brain tissue labeled withAnti-EPOR Polyclonal Antibody , Unconjugated at 1:100 followed by conjugation to the secondary antibody, (SP-0023), and DAB staining

Please check the product details page for more images. Overall 4 images are available for ABIN686347.