

Datasheet for ABIN7429733
anti-EPO antibody (AA 41-206)



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1 Image

Overview

Quantity:	100 µL
Target:	EPO
Binding Specificity:	AA 41-206
Reactivity:	Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EPO antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Erythropoietin (EPO)
Immunogen:	Recombinant Erythropoietin (EPO) corresponding to Ala41~Arg206 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against EPO. It has been selected for its ability to recognize EPO in immunohistochemical staining and western blotting.
Cross-Reactivity:	Goat, Sheep
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

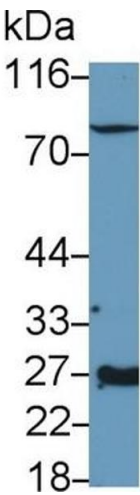
Target:	EPO
Alternative Name:	Erythropoietin (EPO Products)
Target Type:	Hormone
Background:	EP, Epoetin, Erythropoetin, Hematopoietin, Hemopoietin
UniProt:	P33707
Pathways:	JAK-STAT Signaling , Hormone Activity , Negative Regulation of intrinsic apoptotic Signaling , Negative Regulation of Transporter Activity

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL, Immunohistochemistry: 5-20 µg/mL, Immunocytochemistry: 5-20 µg/mL, Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	500 µg/mL
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 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:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Western Blotting

Image 1. Detection of EPO in Caprine Kidney lysate using Polyclonal Antibody to Erythropoietin (EPO)