

Rabbit Erythropoietin Polyclonal Antibody | anti-EPO antibody

Erythropoietin Antibody (N-term)

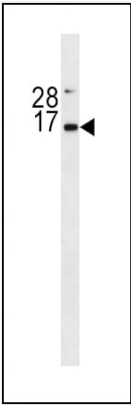
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286845	Rabbit	Human, mouse (Predicted Reactivity: Monkey)	ELISA, Western Blot

PRODUCT SYNONYMS

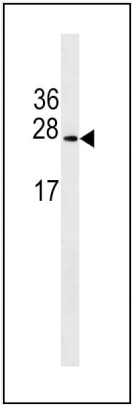
Erythropoietin; Polyclonal Antibody; Erythropoietin Antibody (N-term); Epoetin; EPO; anti-EPO antibody

PRODUCT SPECIFICATIONS

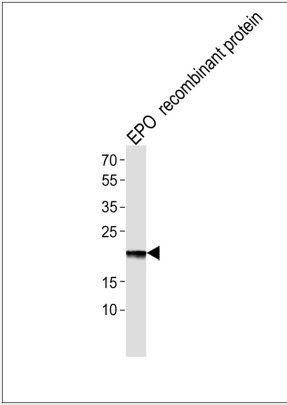
Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Monkey)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Erythropoietin antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 20-48 amino acids from the N-terminal region of human Erythropoietin.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	20-48
Sequence Length	193
Applicable Applications for anti-EPO antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



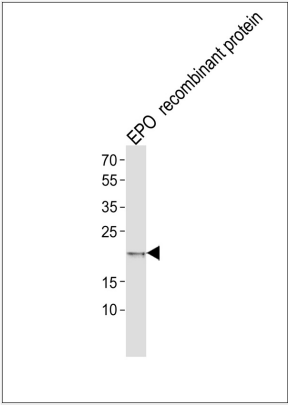
WB (Western Blot)
Erythropoietin Antibody (N-term) western blot analysis in mouse L929 cell line lysates (35ug/lane).This demonstrates the Erythropoietin antibody detected the Erythropoietin protein (arrow).



WB (Western Blot)
Erythropoietin Antibody (N-term) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the Erythropoietin antibody detected the Erythropoietin protein (arrow).



WB (Western Blot)
Western blot analysis of lysate from EPO recombinant protein, using Erythropoietin Antibody (N-term). AAA286845 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.



WB (Western Blot)
Western blot analysis of lysate from EPO recombinant protein, using Erythropoietin Antibody (N-term). AAA286845 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.

ADDITIONAL INFORMATION

Related Product Information for anti-EPO antibody	EPO is a member of the EPO/TPO family and encodes a secreted, glycosylated cytokine composed of four alpha helical bundles. The protein is found in the plasma and regulates red cell production by promoting erythroid differentiation and initiating hemoglobin synthesis. This protein also has neuroprotective activity against a variety of potential brain injuries and antiapoptotic functions in several tissue types. [provided by RefSeq].
Product Categories/Family for anti-EPO antibody	Cancer; Cardiovascular; Developmental Biology; Metabolism; Signal Transduction
References	Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Kristensen, P.L., et al. Eur. J. Endocrinol. 163(3):391-398(2010) Kim, M.H., et al. Mol. Biol. (Mosk.) 44(4):656-663(2010) Carraway, M.S., et al. Circ. Res. 106(11):1722-1730(2010) Shi, Z., et al. Mol. Cancer Res. 8(4):615-626(2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	62240997
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NCBI GeneID	2056
NCBI Accession #	NP_000790.2
NCBI GenBank Nucleotide #	NM_000799.2
UniProt Accession #	P01588; Q2M2L6; Q549U2; Q9UDZ0; Q9UEZ5; Q9UHA0
Molecular Weight	21307
NCBI Official Full Name	erythropoietin
NCBI Official Synonym Full Names	erythropoietin
NCBI Official Symbol	EPO
NCBI Official Synonym Symbols	EP; MVCD2
NCBI Protein Information	erythropoietin
UniProt Protein Name	Erythropoietin
UniProt Gene Name	EPO
UniProt Entry Name	EPO_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/erythropoietin-antibody-western-blot-elisa/286845>