



Anti-Erythropoietin polyclonal antibody (DPABH-22981)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Human erythropoietin is member of the EPO/TPO family and encodes a secreted, glycosylated cytokine hormone 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. It is produced by kidney or liver of adult mammals and by liver of fetal or neonatal mammals.
Target	Erythropoietin
Immunogen	Recombinant full length mature protein, corresponding to amino acids 28-193 of Human EPO derived from E.coli (UniProt P01588).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.4
Preservative	0.025% Sodium Azide

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing

GENE INFORMATION

Gene Name	EPO erythropoietin [Homo sapiens]
Official Symbol	EPO
Synonyms	EPO; erythropoietin; EP; epoetin; MVCD2; MGC138142;
Entrez Gene ID	2056
Protein Refseq	NP_000790
UniProt ID	G9JKG7
Chromosome Location	7q21
Pathway	Cytokine-cytokine receptor interaction; EPO Receptor Signaling; EPO signaling pathway; HIF-1-alpha transcription factor network; HIF-2-alpha transcription factor network; Hematopoietic cell lineage;
Function	erythropoietin receptor binding; eukaryotic cell surface binding; hormone activity; protein binding; protein kinase activator activity;