

Polyclonal Antibody to Erythropoietin (EPO)

Erythropoietin

Catalog # AP74495

Product Information

Application	WB
Primary Accession	P33707
Reactivity	Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	22666

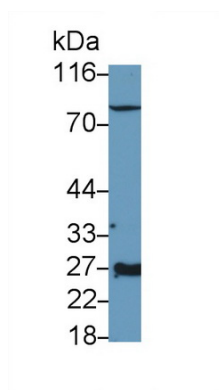
Additional Information

Other Names	EP; Epoetin; Erythropoetin; Hematopoietin; Hemopoietin
Target/Specificity	Canis familiaris; Canine (Dog)
Dilution	WB~~Western blotting: 0.5-2 μ g/mL Immunohistochemistry: 5-20 μ g/mL Immunocytochemistry: 5-20 μ g/mL Optimal working dilutions must be determined by end user.
Format	PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	EPO
Function	Hormone involved in the regulation of erythrocyte proliferation and differentiation and the maintenance of a physiological level of circulating erythrocyte mass. Binds to EPOR leading to EPOR dimerization and JAK2 activation thereby activating specific downstream effectors, including STAT1 and STAT3.
Cellular Location	Secreted.
Tissue Location	Produced by kidney or liver of adult mammals and by liver of fetal or neonatal mammals

Images



Western Blot; Sample: Caprine Kidney lysate Primary Ab:
0.3 $\mu\text{g/ml}$ Rabbit Anti-Canine EPO Antibody Second Ab:
0.2 $\mu\text{g/mL}$ HRP-Linked Caprine Anti-Rabbit IgG Polyclonal
Antibody (Catalog: SAA544Rb19)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.