

GOAT ANTI-GP91-PHOX / NOX2 ANTIBODY

SKU: EB10581



SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage	Aliquot and store at -20°C. Minimize freezing and thawing.
Instructions	
Synonym / Alias	heme-binding membrane glycoprotein gp91pho cytochrome b558 subunit beta cytochrome b-245 heavy chain cytochrome b(558) subunit beta CGD91-phox p91-PHOX NOX2 GP91PHOX GP91-PHOX GP91-1 CGD
Names	cytochrome b-245, beta polypeptide CYBB
Accession ID	NP_000388.2
Blocking Peptide	EBP10581
Immunogen	Peptide with sequence CDKQEFQDAWKLPK, from the internal region of the protein sequence according to NP_000388.2.
Peptide Sequence	CDKQEFQDAWKLPK
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Human, Mouse, Rat, Dog, Pig, Cow
Reactive Species	Human, Mouse
Human Gene ID	1536
Mouse Gene ID	13058
Rat Gene ID	66021
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
ELISA	
Detection Limit	Antibody detection limit dilution 1:8000.
Western Blot	Approx 75kDa band observed in lysates of cell line Daudi and in Mouse Spleen lysates (calculated MW of 65.3kDa according to Human NP_000388.2 and Mouse NP_031833.3). This band was successfully blocked by incubation with the immunising peptide, and corresponds to the glycosylated form as described in the literature (V. Munnamalai et al, 2014: PMID: 24702317 and J. Van Buul et al, 2005: PMID: 15706079) Recommended concentration: 1-3µg/ml. Primary incubation 1 hour at room temperature.
Application Type	Pep-ELISA, WB

GALLERY IMAGES

