

## Goat anti-CYBB / GP91-PHOX Antibody

<b>Item Number</b>	dAP-1827
<b>Target Molecule</b>	Principle Name: CYBB / GP91-PHOX; Official Symbol: CYBB; All Names and Symbols: CYBB; cytochrome b-245, beta polypeptide (chronic granulomatous disease); CGD; GP91-1; GP91-PHOX; GP91PHOX; NOX2; cytochrome b-245, beta polypeptide; Accession Number (s): NP_000388.2; Human Gene ID(s): 1536; Non-Human GeneID(s):
<b>Immunogen</b>	SYLNFARKRIKNP, is from internal region
<b>Applications</b>	Pep ELISA, IHC Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 64000.
<b>Western Blot</b>	
<b>IHC</b>	Immunohistochemistry: In paraffin embedded Human Placenta shows staining of syncytiotrophoblasts. Recommended concentration, 1-2µg/ml.
<b>Reference</b>	Reference(s): Zhu C, Lindsey S, Konieczna I, Eklund EA. Constitutive activation of SHP2 protein tyrosine phosphatase inhibits ICSBP-induced transcription of the gene encoding gp91PHOX during myeloid

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**