

Goat anti-NCF4 / P40PHOX Antibody

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| Item Number | dAP-1129 |
| Target Molecule | Principle Name: NCF4 / P40PHOX; Official Symbol: NCF4; All Names and Symbols: NCF4; P40PHOX; neutrophil cytosolic factor 4, 40kDa ; CTA-833B7.1; MGC3810; NCF; SH3PXD4; OTTHUMP00000028736; OTTHUMP00000043756; neutrophil NADPH oxidase factor 4; neutrophil cytosol factor 4; neutrophil cytosolic factor 4 (40kD); Accession Number (s): NP_000622.2; NP_038202.1; Human Gene ID(s): 4689; Non-Human GeneID(s): |
| Immunogen | KDFPEEDDPTN, is from internal region This antibody is expected to recognise both reported isoforms (NP_000622.2 and NP_038202.1). |
| Applications | Pep ELISA, WB, IHC Species Tested: Human |
| Purification | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Supplied As | 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. |
| Peptide ELISA | Peptide ELISA: antibody detection limit dilution 1 to 32000. |
| Western Blot | Western Blot: Approx. 38kDa band observed in lysates of cell line Daudi (calculated MW of 39.0kDa according to NP_000622.2 and 38.8kDa according to NP_038202.1). In transfected HEK293 transiently expressing P40PHOX a band of approx. 42kDa is observed. Th |
| IHC | Immunohistochemistry: In paraffin embedded Human Tonsil shows staining of the cytoplasm in some cells. Recommended concentration, 2-4µg/ml. |
| Reference | Reference(s): Rioux JD, Xavier RJ, Taylor KD, Silverberg MS, Goyette P, Huett A, Green T, Kuballa P, Barmada MM, Datta LW, Shugart YY, Griffiths AM, Targan SR, Ippoliti AF, Bernard EJ, Mei L, Nicolae DL, Regueiro M, Schumm LP, Steinhart AH, Rotter JI, Duerr RH, Cho JH, Genome-wide association study |

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**