Product datasheet for AP08314PU-N

NOX1 (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies
Applications: ELISA, IHC, WB
Recommend Dilution:
- ELISA: 1 µg/ml.
- Immunohistochemistry on Paraffin Sections: 10 µg/ml.
- Western Blot: 1 µg/ml.

Reactivity: Human
Host: Rabbit
Isotype: IgG
Clonality: Polyclonal
Immunogen: Synthetic peptide corresponding to C-terminal residues of Human NOX1.
Specificity: This antibody recognizes Human NADPH Oxidase 1 (NOX1). Other species not tested.
Formulation: PBS
State: Aff - Purified
State: Liquid purified IgG fraction
Stabilizer: 50% Glycerol
Preservative: 0.01% Sodium Azide
Concentration: 0.5 mg/ml
Purification: Immunoaffinity Chromatography
Predicted Protein Size: 65 kDa (Predicted)
Gene Name: NADPH oxidase 1
Database Link: Entrez Gene 27035 Human

Background: The NOX family NADPH protein oxidases are involved in transfer of electrons across membranes to generate reactive oxygen species. There are 7 family members - NOX1-5, DUOX1 and DUOX2. Expression of NOX1 is highest in colon tissue; it is also found in vascular tissue and can also been induced by a variety of factors including PDGF. It requires interaction with NOXO1 and NOXA1 for superoxide generation.

Synonyms: NADPH oxidase 1, NOH1
Product images:

NOX1 antibody staining of Formalin-Fixed Paraffin Embedded Human Colon at 10 ug/ml followed by biotinylated Goat anti-Rabbit IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.