

**NDOR1 polyclonal antibody**

Catalog: BS34484

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

NADPH-dependent diflavin oxidoreductase 1: NADPH-dependent reductase which is a central component of the cytosolic iron-sulfur (Fe-S) protein assembly (CIA) machinery. Transfers electrons from NADPH via its FAD and FMN prosthetic groups to the [2Fe-2S] cluster of CIAPIN1, another key component of the CIA machinery. In turn, this reduced cluster provides electrons for assembly of cytosolic iron-sulfur cluster proteins. It can also reduce the [2Fe-2S] cluster of Cisd1 and activate this protein implicated in Fe/S cluster repair. In vitro can fully activate methionine synthase/MTR in the presence of soluble cytochrome b5/CYB5A

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~66.8 kDa

Swiss-Prot:

Q9UHB4

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of NDOR1 protein

DATA:

Western blot analysis of FDPS expression in human cytotokeratin liver cells (A) whole cell lysates.

Immunohistochemical analysis of FDPS staining in mouse kidney formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Note:

For research use only, not for use in diagnostic procedure.

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