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Research Use Only. Not for diagnostic or therapeutic use.

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

EB05859 - Goat Anti-NEIL1 / NEH1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: nei endonuclease VIII-like 1, hFPG1, FPG1, endonuclease VIII, FLJ22402, NEI1, nei endonuclease VIII-like 1 (E. coli), NEH1, NEIL1

Official Symbol: NEIL1

Accession Number(s): NP_078884.2

Human GeneID(s): [79661](#)

Immunogen

Peptide with sequence C-DIPSLEPEGTSAS, from the C Terminus of the protein sequence according to NP_078884.2.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:16000.

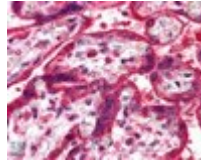
Western blot: Preliminary experiments gave an approx 60kDa band in Human Liver and Brain lysates at 1ug/ml. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 43.7kDda according to NP_078884.1. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

IHC: In paraffin embedded Human Placenta shows strong staining of cytoplasm in syncytiotrophoblasts. Recommended concentration, 5-10µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Pig, Cow



EB05859 (5 μ g/ml) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.