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**Research Use Only. Not
for diagnostic or
therapeutic use.**

Storage: Aliquot and store at
-20°C. Minimize freezing and
thawing.

Product: EB06284 – Goat anti-P8 / NUPR1

*This product is one of a range of **Investigative Grade** antibodies, made against targets that have limited or no commercial antibodies available to them and for which there are no data on the expression of the protein in the range of common cell lines and tissues available to us. These antibodies are affinity purified using their peptide immunogen and are known to give low background staining in a western blot (see Application Notes below). However no additional claims are made for their ability to recognise native protein in any application.*

Target Protein

Principal Names: P8; COM1; p8 protein (candidate of metastasis 1); NUPR1; nuclear protein 1

Official Gene Symbol: NUPR1

Accession Number(s): NP_036517

Human Gene ID(s): 26471

Immunogen

Peptide with sequence C-ATFPATSAPQQP, from the N Terminus of the protein sequence according to NP_036517

Purification

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

Supplied as 100 µg of purified antibody. 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32,000. Western Blot: Preliminary experiments gave no signal but low background in HepG2 and Human Pancreas extracts at up to 1µg/ml. Please note that we would not expect our routine western blot protocol to reliably detect proteins as small as the predicted size of this protein (approx 9kDa according to NP_036517). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

Species Reactivity

Tested:

Expected from sequence similarity: Human

Background Reference

Vasseur S, Vidal Mallo G, Fiedler F, Bodeker H, Canepa E, Moreno S, Iovanna JL. Cloning and expression of the human p8, a nuclear protein with mitogenic activity. Eur J Biochem. 1999 Feb;259(3):670-5.
PMID: 10092851