



## UK Office

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

## EB10096 - Goat Anti-Npc1(mouse) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** A430089E03Rik, C85354, D18Ertd139e, D18Ertd723e, lcsd, Niemann Pick type C1, niemann-Pick C1 protein, nmf164, sphingomyelinosis, spm, Npc1

**Official Symbol:** Npc1

**Accession Number(s):** NP\_032746.2

**Non-Human GeneID(s):** 18145 (mouse)

### Immunogen

Peptide with sequence C-TYHTILKTSADYTD, from the internal region of the protein sequence according to NP\_032746.2.

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 36kDa band in lysates of cell lines NIH3T3 and NSO after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 142kDa according to NP\_032746.2. The 36kDa band was successfully blocked by incubation with the immunizing peptide. 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?

### Species Reactivity

**Tested:**

**Expected from sequence similarity:** Mouse