



Goat anti-Npc2 (mouse) (aa21-33) Antibody

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| Item Number | dAP-2321 |
| Target Molecule | Principle Name: Npc2 (mouse) (aa21-33); Official Symbol: Npc2; All Names and Symbols: Npc2; Niemann-Pick disease, type C2; 2700012J19Rik; AA408070; AU045843; HE1; epididymal secretory protein E1; mE1; niemann Pick type C2 protein homolog; Accession Number (s): NP_075898.1; Human Gene ID(s); ; Non-Human GeneID(s): 67963 (mouse) 286898 (rat) |
| Immunogen | QAEPLHFKDCGSK, is from internal region |
| Applications | Pep ELISA, WB Species Tested: Mouse |
| Purification | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Supplied As | lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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. |
| Peptide ELISA | Peptide ELISA: antibody detection limit dilution 1 to 32000. |
| Western Blot | Western Blot: Approx 16kDa band observed in Mouse Kidney lysates (calculated MW of 16.4kDa according to NP_006423.1). Recommended concentration: 0.1-0.3µg/ml. |
| IHC | |
| Reference | Reference(s): Csepegi C, Jiang M, Frolov A, Somatic cell plasticity and Niemann-pick type C2 protein: adipocyte differentiation and function. The Journal of biological chemistry 2010 Sep 285 (39): 30347-54..PMID: 20650896-> |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**