



## Goat anti-CLN2 / TPP1 Antibody

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| <b>Item Number</b>     | dAP-1854  |
| <b>Target Molecule</b> | Principle Name: CLN2 / TPP1; Official Symbol: TPP1; All Names and Symbols: TPP1; tripeptidyl peptidase I; CLN2; GIG1; LPIC; MGC21297; ceroid-lipofuscinosis, neuronal 2, late infantile (Jansky-Bielschowsky disease); growth-inhibiting protein 1; lysosomal pepstatin insensitive protease; tripeptidyl aminopeptidase; tripeptidyl-pept; Accession Number (s): NP_000382.3; Human Gene ID(s): 1200; Non-Human GeneID(s): 12751 (mouse) |
| <b>Immunogen</b>       | TPSVIRKRYNLTSQD, is from internal region  |
| <b>Applications</b>    | Pep ELISA, WB<br>Species Tested: Human  |
| <b>Purification</b>    | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.   |
| <b>Supplied As</b>     | 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.<br>Aliquot and store at -20°C. Minimize freezing and thawing.  |
| <b>Peptide ELISA</b>   | Peptide ELISA: antibody detection limit dilution 1 to 4000.   |
| <b>Western Blot</b>    | Western Blot: Approx 65kDa band observed in Human Placenta lysates (calculated MW of 61.2kDa according to NP_000382.3). Recommended concentration: 0.3-1µg/ml.  |
| <b>IHC</b>             |   |
| <b>Reference</b>       | Reference(s): Kousi M, Siintola E, Dvorakova L, Vlaskova H, Turnbull J, Topcu M, Yuksel D, Gokben S, Minassian BA, Elleder M, Mole SE, Lehesjoki AE. Mutations in CLN7/MFSD8 are a common cause of variant late-infantile neuronal ceroid lipofuscinosis. Brain : a journal of neurology 2009 Mar 132 (Pt 3): 810-  |

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**