

Goat anti-MP100 / NPEPPS Antibody

Item Number	dAP-1283
Target Molecule	Principle Name: MP100 / NPEPPS; Official Symbol: NPEPPS; All Names and Symbols: NPEPPS; MP100; aminopeptidase puromycin sensitive; PSA; metalloproteinase MP100; puromycin-sensitive aminopeptidase; Accession Number (s): NP_006301.2; Human Gene ID(s): 9520; Non-Human GeneID(s):
Immunogen	KRDAESIHQYLLQRK, is from internal region
Applications	Pep ELISA, WB Species Tested: Human
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 4000.
Western Blot	Western Blot: Approx 110kDa band observed in Human Brain (Cerebral Cortex) lysates (calculated MW of 98.5kDa according to NP_006301.2). Recommended concentration: 0.2-0.5µg/ml.
IHC	
Reference	Reference(s): Karsten SL, Sang TK, Gehman LT, Chatterjee S, Liu J, Lawless GM, Sengupta S, Berry RW, Pomakian J, Oh HS, Schulz C, Hui KS, Wiedau-Pazos M, Vinters HV, Binder LI, Geschwind DH, Jackson GR. A genomic screen for modifiers of tauopathy identifies puromycin-sensitive aminopeptidase as an in-

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**