

Goat anti-Aspa (mouse) Antibody

Item Number	dAP-2309
Target Molecule	Principle Name: Aspa (mouse); Official Symbol: Aspa; All Names and Symbols: Aspa; aspartoacylase; RP23-213I10.1; Acy-2; Acy2; nur7; OTTMUSP00000006437; aminoacylase 2; aminoacylase-2; aspartoacylase (aminoacylase) 2; small lethargic; Accession Number (s): NP_075602.2; Human Gene ID(s); ; Non-Human GeneID(s): 11484 (mouse) 79251 (rat)
Immunogen	TLSAKSIRSTLH, is from C Terminus
Applications	Pep ELISA, WB Species Tested: Mouse, Rat
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 8000.
Western Blot	Western Blot: Approx 35kDa band observed in Mouse and Rat Kidney lysates (calculated MW of 35.3kDa according to NP_075602.2). Recommended concentration: 0.01-0.03µg/ml.
IHC	
Reference	Reference(s): Kumar S, Biancotti JC, Matalon R, de Vellis J, Lack of aspartoacylase activity disrupts survival and differentiation of neural progenitors and oligodendrocytes in a mouse model of Canavan disease. Journal of neuroscience research 2009 Nov 87 (15): 3415-27..PMID: 19739253->

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**