

Goat anti-ABHD4 (aa 304 to 316) Antibody

Item Number	dAP-1263
Target Molecule	Principle Name: ABHD4 (aa 304 to 316); Official Symbol: ABHD4; All Names and Symbols: ABHD4; abhydrolase domain containing 4; FLJ12816; Accession Number (s): NP_071343.2; Human Gene ID(s): 63874; Non-Human GenelD(s): 105501 (mouse)
Immunogen	QRPDSYVRDMEIK, is from internal region
Applications	Pep ELISA Species Tested:
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 16000.
Western Blot	Western Blot: Preliminary experiments gave an approx 48kDa band in Human Brain (Cerebellum, Cerebral Cortex, Frontal Cortex) lysates and in Mouse Brain lysates after 0.5µg/ml antibody staining. Please note that currently we cannot find an explanation i
IHC	
Reference	Reference(s): Simon GM, Cravatt BF. Endocannabinoid biosynthesis proceeding through glycerophospho-N-acyl ethanolamine and a role for alpha/beta-hydrolase 4 in this pathway. <i>J Biol Chem.</i> 2006 Sep 8;281(36):26465-72. Epub 2006 Jul 3.. PMID: 16818490 ->

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**