

Goat anti-ABHD12 Antibody

Item Number	dAP-1530
Target Molecule	Principle Name: ABHD12; Official Symbol: ABHD12; All Names and Symbols: ABHD12; abhydrolase domain containing 12; ABHD12A; BEM46L2; C20orf22; DKFZP434P106; dJ965G21.2; Accession Number (s): NP_001035937.1; NP_056415.1; Human Gene ID(s): 26090; Non-Human GeneID(s): 76192 (mouse) 499913 (rat)
Immunogen	REFLGKSEPEHQH, is from C Terminus This antibody is expected to recognize isoform a (NP_001035937.1) only.
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 32000.
Western Blot	Western Blot: Approx. 40kDa band observed in Mouse Brain and Rat Brain lysates (calculated MW of 45.1kDa according to Human NP_001035937.1 and of 45.3kDa according to Mouse NP_077785.2). Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Blankman JL, Simon GM, Cravatt BF. A comprehensive profile of brain enzymes that hydrolyze the endocannabinoid 2-arachidonoylglycerol. Chem Biol. 2007 Dec;14(12):1347-56.PMID: 18096503->

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**