

Rabbit anti-Human FAAH2 Polyclonal Antibody | anti-FAAH2 antibody

FAAH2 Antibody (C-term)

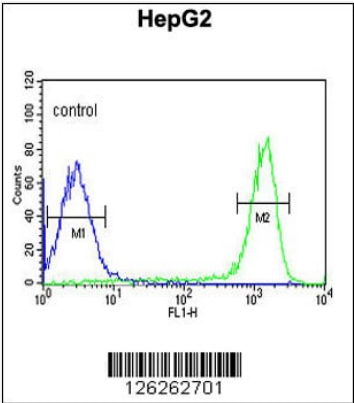
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286013	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

FAAH2; Polyclonal Antibody; FAAH2 Antibody (C-term); Fatty-acid amide hydrolase 2; Amidase domain-containing protein; Anandamide amidohydrolase 2; Oleamide hydrolase 2; AMDD; anti-FAAH2 antibody

PRODUCT SPECIFICATIONS

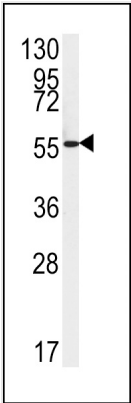
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This FAAH2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 409-438 amino acids from the C-terminal region of human FAAH2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	409-438
Sequence Length	532
Applicable Applications for anti-FAAH2 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
FAAH2 Antibody (C-term) flow cytometric analysis of HepG2 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohiostchemistry)
FAAH2 Antibody (C-term) IHC analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the FAAH2 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of FAAH2 Antibody (C-term) in HepG2 cell line lysates (35ug/lane).FAAH2 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-FAAH2 antibody	FAAH2 encodes a fatty acid amide hydrolase that shares a conserved protein motif with the amidase signature family of enzymes. The encoded enzyme is able to catalyze the hydrolysis of a broad range of bioactive lipids, including those from the three main classes of fatty acid amides; N-acylethanolamines, fatty acid primary amides and N-acyl amino acids. This enzyme has a preference for monounsaturated acyl chains as a substrate.
Product Categories/Family for anti-FAAH2 antibody	Cardiovascular; Metabolism; Signal transduction
References	Kaczocha, M., et al. J. Biol. Chem. 285(4):2796-2806(2010) Karbarz, M.J., et al. Anesth. Analg. 108(1):316-329(2009) Wei, B.Q., et al. J. Biol. Chem. 281(48):36569-36578(2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	195972892
NCBI GeneID	158584
NCBI Accession #	NP_777572.2
NCBI GenBank Nucleotide #	NM_174912.3
UniProt Accession #	Q6GMR7; Q86VT2; Q96N98

Molecular Weight	58304
NCBI Official Full Name	fatty-acid amide hydrolase 2
NCBI Official Synonym Full Names	fatty acid amide hydrolase 2
NCBI Official Symbol	FAAH2
NCBI Official Synonym Symbols	AMDD
NCBI Protein Information	fatty-acid amide hydrolase 2
UniProt Protein Name	Fatty-acid amide hydrolase 2
UniProt Gene Name	FAAH2
UniProt Synonym Gene Names	AMDD
UniProt Entry Name	FAAH2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/faah2-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/286013>