

Rabbit FAAH Antibody | anti-FAAH antibody

FAAH Antibody

CATALOG # AAA266919	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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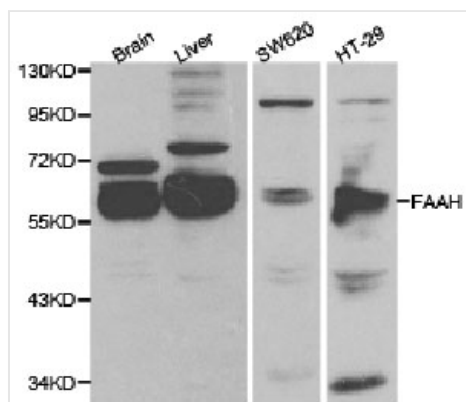
PRODUCT SYNONYMS

FAAH; FAAH Antibody; FAAH1; MGC102823; MGC138146; anti-FAAH antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Isotype	IgG
Purity/Purification	Affinity purification
Sequence Length	579
Applicable Applications for anti-FAAH antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human FAAH
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Calculated MW	63 kDa
Preparation and Storage	Store at -20°C or -80°C. Avoid freeze/thaw cycles.

IMAGES


WB (Western Blot)

Western Blot analysis of extracts of various cell lines, using FAAH antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-FAAH antibody	Endogenous cannabinoids have been implicated in addictive behaviors and drug abuse (1). Fatty-acid amide hydrolase 1 (FAAH1) is a plasma membrane-bound hydrolase that converts oleamide to oleic acid (2). This hydrolase also converts the cannabinoid anandamide, the endogenous ligand for the CB1 cannabinoid receptor, to arachidonic acid, suggesting a role in fatty-acid amide inactivation (2). Mice lacking FAAH1 have significantly higher levels of anandamide in the brain and show decreased sensitivity to pain, further indicating a role for FAAH1 in the regulation of endocannabinoid signaling in vivo (3). FAAH1 null mice also demonstrate an increased preference for alcohol and an increased voluntary uptake of alcohol as compared to wild-type mice, indicating a role of FAAH1 in modulating addictive behaviors (1).
Product Categories/Family for anti-FAAH antibody	Autophagy antibody ; Cancer ; Cardiovascular ; Cell Biology ; Epigenetics & Nuclear Signaling ; Developmental Biologys ; Immunology ; Drug Discovery Products ; Metabolism ; Neuroscience ; Signal Transduction ; Stem Cells
References	1. Blednov, Y.A. et al. (2007) Neuropsychopharmacology 32, 1570-82. 2. Cravatt, B.F. et al. (1996) Nature 384, 83-7. 3. Cravatt, B.F. et al. (2001) ProcNatlAcadSci USA 98, 9371-6.

NCBI AND UNIPROT INFORMATION

NCBI GI #	166795287
NCBI GeneID	2166
NCBI Accession #	NP_001432.2
NCBI GenBank Nucleotide #	NM_001441.2
UniProt Accession #	O00519; Q52M86; Q5TDF8; D3DQ19
NCBI Official Full Name	fatty-acid amide hydrolase 1
NCBI Official Synonym Full Names	fatty acid amide hydrolase
NCBI Official Symbol	FAAH
NCBI Official Synonym Symbols	PSAB; FAAH-1
NCBI Protein Information	fatty-acid amide hydrolase 1
UniProt Protein Name	Fatty-acid amide hydrolase 1
UniProt Gene Name	FAAH
UniProt Synonym Gene Names	FAAH1

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://stage.aaabiotech.com/rabbit-human-mouse-rat-antibody/faah/266919>