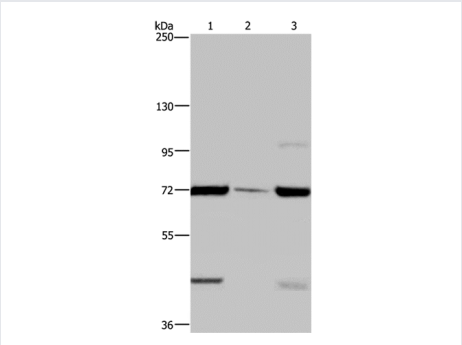
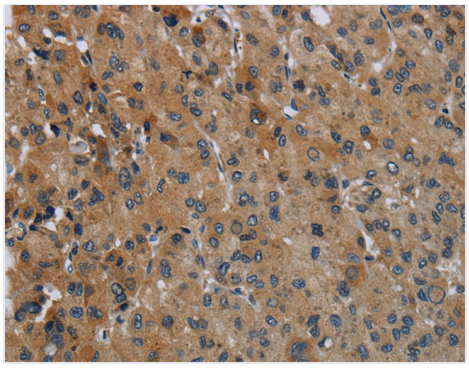
FAAH Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

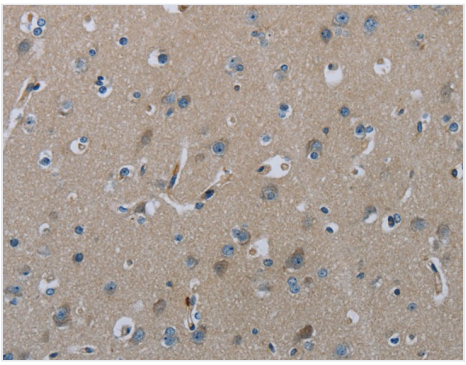
Product Name	FAAH, Polyclonal Antibody
Full Product Name	FAAH Polyclonal Antibody
Product Gene Name	anti-FAAH antibody
Product Synonym Names	PSAB; FAAH-1
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Purity/Purification	Antigen affinity purification
Concentration	2.2mg/mL (lot specific)
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.
Molecular Weight	63,066 Da
OMIM	602935
Immunogen	Recombinant protein of human FAAH
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-FAAH antibody	ELISA (EIA), Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-FAAH antibody	WB: 1:500-1:2000 IHC: 1:50-1:200
Related Product Information for anti-FAAH antibody	This gene encodes a protein that is responsible for the hydrolysis of a number of primary and secondary fatty acid amides, including the neuromodulatory compounds anandamide and oleamide.
Other Notes	Small volumes of anti-FAAH antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for FAAH purchase	MBS2525367 is an antibody targeting FAAH. Also known as FAAH Polyclonal Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.



Western Blot (WB) of anti-FAAH antibody
Western Blot analysis of LoVo cell, Human testis tissue and A549 cell using FAAH Polyclonal Antibody at dilution of 1:400



Immunohistochemistry (IHC) of anti-FAAH antibody
Immunohistochemistry of paraffin-embedded Human liver cancer using FAAH Polyclonal Antibody at dilution of 1:50



Immunohistochemistry (IHC) of anti-FAAH antibody
Immunohistochemistry of paraffin-embedded Human brain using FAAH Polyclonal Antibody at dilution of 1:50

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FAAH. It may not necessarily be applicable to this product.

NCBI GI #	166795287
NCBI GeneID	2166
NCBI Accession #	NP_001432.2
UniProt Secondary Accession #	Q52M86; Q5TDF8; D3DQ19
UniProt Related Accession #	O00519
GenBank Nucleotide #	NM_001441.2
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
UniProt Protein Name	Fatty-acid amide hydrolase 1
UniProt Synonym Protein Names	Anandamide amidohydrolase 1; Oleamide hydrolase 1
Protein Family	Fatty acid amide hydrolase
UniProt Gene Name	FAAH
UniProt Synonym Gene Names	FAAH1
UniProt Entry Name	FAAH1_HUMAN

NCBI Protein Information	fatty-acid amide hydrolase 1; anandamide amidohydrolase 1; oleamide hydrolase 1
UniProt Comments for FAAH	FAAH: Degrades bioactive fatty acid amides like oleamide, the endogenous cannabinoid, anandamide and myristic amide to their corresponding acids, thereby serving to terminate the signaling functions of these molecules. Hydrolyzes polyunsaturated substrate anandamide preferentially as compared to monounsaturated substrates. Homodimer. Highly expressed in the brain, small intestine, pancreas, skeletal muscle and testis. Also expressed in the kidney, liver, lung, placenta and prostate. Inhibited by O-aryl carbamates and alpha-keto heterocytes. Belongs to the amidase family. Protein type: Hydrolase; Membrane protein, integral; EC 3.5.1.99 Chromosomal Location of Human Ortholog: 1p35-p34 Cellular Component: cytoskeleton; cytoplasm; integral to membrane; endomembrane system Molecular Function: fatty acid amide hydrolase activity; carbon-nitrogen ligase activity, with glutamine as amido-N-donor; acylglycerol lipase activity Biological Process: fatty acid catabolic process Disease: Polysubstance Abuse, Susceptibility To
Research Articles on FAAH	**1.** In subcutaneous adipose tissue, DAGL-a mRNA was upregulated and fatty acid amide hydrolase (FAAH) and monoacylglycerol lipase (MAGL) mRNAs were down-regulated in obese subjects, but the diets had no influence.
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