

Anti-FAAH Antibody
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18579**Specification**

Anti-FAAH Antibody - Product Information

Application	WB, IHC-P
Primary Accession	O00519
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	63066

Anti-FAAH Antibody - Additional Information**Gene ID** 2166Alias Symbol **FAAH****Other Names**

FAAH, Anandamide amidohydrolase 1, FAAH1, Fatty acid amide hydrolase, Fatty-acid amide hydrolase 1, FAAH-1, Oleamide hydrolase 1

Target/Specificity

Human FAAH

Reconstitution & Storage

Affinity purified

Precautions

Anti-FAAH Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-FAAH Antibody - Protein Information**Name** FAAH**Synonyms** FAAH1**Function**

Catalyzes the hydrolysis of endogenous amidated lipids like the sleep-inducing lipid oleamide ((9Z)-octadecenamide), the endocannabinoid anandamide (N-(5Z,8Z,11Z,14Z-eicosatetraenyl)-ethanolamine), as well as other fatty amides, to their corresponding fatty acids, thereby regulating the signaling functions of these molecules (PubMed:[9122178](http://www.uniprot.org/citations/9122178), PubMed:[17015445](http://www.uniprot.org/citations/17015445), PubMed:[19926788](http://www.uniprot.org/citations/19926788)). Hydrolyzes polyunsaturated substrate anandamide preferentially as compared to monounsaturated substrates

(PubMed:9122178, PubMed:17015445). It can also catalyze the hydrolysis of the endocannabinoid 2-arachidonoylglycerol (2-(5Z,8Z,11Z,14Z- eicosatetraenoyl)-glycerol) (PubMed:21049984). FAAH cooperates with PM20D1 in the hydrolysis of amino acid-conjugated fatty acids such as N-fatty acyl glycine and N-fatty acyl-L-serine, thereby acting as a physiological regulator of specific subsets of intracellular, but not of extracellular, N-fatty acyl amino acids (By similarity).

Cellular Location

Endomembrane system; Single-pass membrane protein. Cytoplasm, cytoskeleton. Note=Seems to be attached to intracellular membranes and a portion of the cytoskeletal network

Tissue Location

Highly expressed in the brain, small intestine, pancreas, skeletal muscle and testis. Also expressed in the kidney, liver, lung, placenta and prostate.

Anti-FAAH Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-FAAH Antibody - Images