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**Product Name: FAAH1 Rabbit Monoclonal Antibody****Catalog #: AMRe84434**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC
<b>Reactivity</b>	Human,Mouse
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.61mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:1000-1:2000,IHC 1:100-1:200
<b>Molecular Weight</b>	63 kDa

**Antigen Information**

<b>Gene Name</b>	FAAH1
<b>Alternative Names</b>	FA2H; FAAH; FAAH-1; Oleamide hydrolase 1; Oleamide hydrolase;;Fatty acid amide hydrolase 1
<b>Gene ID</b>	
<b>SwissProt ID</b>	O00519
<b>Immunogen</b>	A synthesized peptide derived from human Fatty acid amide hydrolase 1

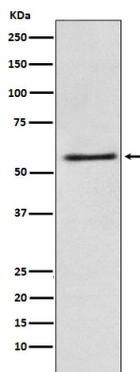
**Background**

Catalyzes the hydrolysis of endogenous amidated lipids like the sleep-inducing lipid oleamide ((9Z)-octadecenamide), the

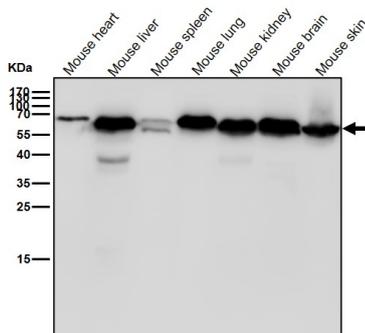
endocannabinoid anandamide (N-(5Z,8Z,11Z,14Z-eicosatetraenoyl)-ethanolamine), as well as other fatty amides, to their corresponding fatty acids, thereby regulating the signaling functions of these molecules.

## Research Area

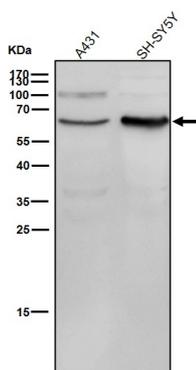
## Image Data



Western blot analysis of FAAH1 expression in A431 cell lysate.



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



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