

For Research Use Only

FAAH2 Polyclonal antibody

Catalog Number: 19519-1-AP



Basic Information

Catalog Number:

19519-1-AP

Size:

150ul, Concentration: 280 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_174912

GeneID (NCBI):

158584

UNIPROT ID:

Q6GMR7

Full Name:

fatty acid amide hydrolase 2

Calculated MW:

58 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:50-1:500

Applications

Tested Applications:

IHC, ELISA

Species Specificity:

human, mouse

Positive Controls:

IHC : mouse kidney tissue, human small intestine tissue

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

FAAH2, also named as AMDD, belongs to the amidase family. FAAH2 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. FAAH2 hydrolyzes monounsaturated substrate anandamide preferentially as compared to polyunsaturated substrates.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

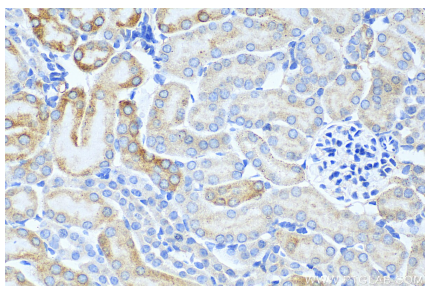
For technical support and original validation data for this product please contact:

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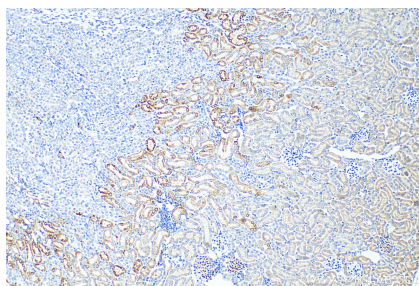
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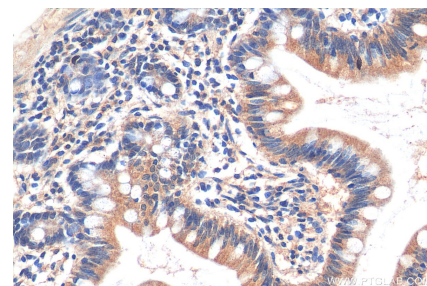
Selected Validation Data



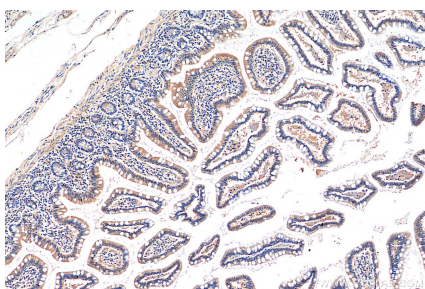
Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 19519-1-AP (FAAH2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 19519-1-AP (FAAH2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 19519-1-AP (FAAH2 antibody) at dilution of 1:400 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 19519-1-AP (FAAH2 antibody) at dilution of 1:400 (under 10x lens).