

For Research Use Only

FAAH2 Polyclonal antibody

Catalog Number: 19519-1-AP



Basic Information

Catalog Number: 19519-1-AP	GenBank Accession Number: NM_174912	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 280 µg/ml by Nanodrop;	GeneID (NCBI): 158584	Recommended Dilutions: IHC 1:50-1:500
Source: Rabbit	Full Name: fatty acid amide hydrolase 2	
Isotype: IgG	Calculated MW: 58 kDa	

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : mouse kidney tissue, human small intestine tissue
Species Specificity: human, Mouse	

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

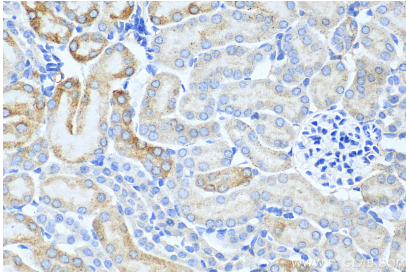
For technical support and original validation data for this product please contact:

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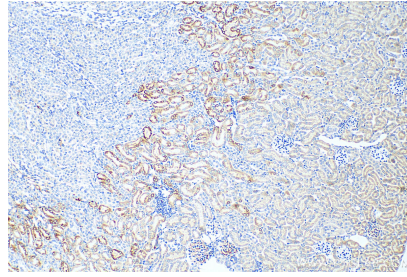
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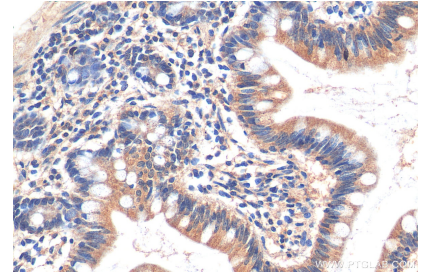
Selected Validation Data



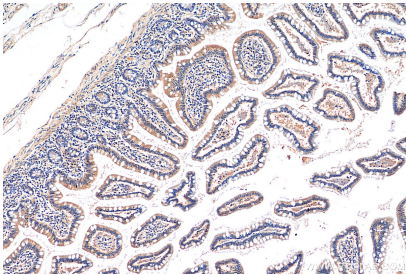
Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 19519-1-AP (FAAH2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).