

**FAH Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP11966a****Specification**

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**FAH Antibody (N-term) - Product Information**

Application	WB, IF, IHC-P,E
Primary Accession	<a href="#">P16930</a>
Other Accession	<a href="#">NP_000128</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	46374
Antigen Region	7-33

**FAH Antibody (N-term) - Additional Information****Gene ID** 2184**Other Names**

Fumarylacetoacetase, FAA, Beta-diketonase, Fumarylacetoacetate hydrolase, FAH

**Target/Specificity**

This FAH antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 7-33 amino acids from the N-terminal region of human FAH.

**Dilution**

WB~~1:1000

IF~~1:10~50

IHC-P~~1:50~100

E~~Use at an assay dependent concentration.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

FAH Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**FAH Antibody (N-term) - Protein Information****Name** FAH

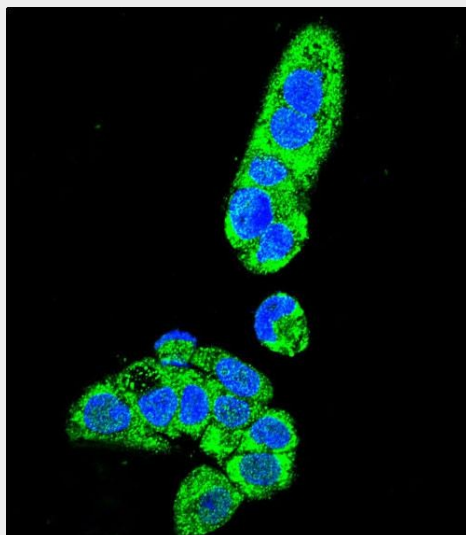
**Tissue Location**

Mainly expressed in liver and kidney. Lower levels are also detected in many other tissues

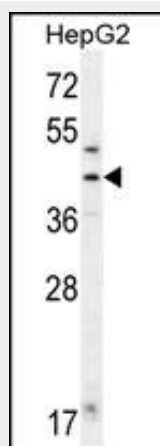
**FAH Antibody (N-term) - Protocols**

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

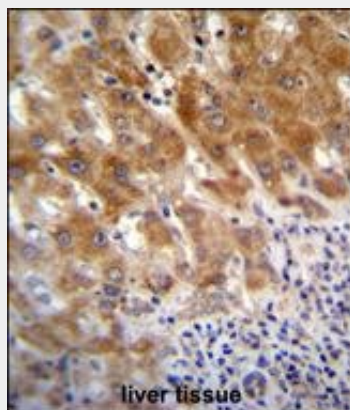
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**FAH Antibody (N-term) - Images**

Confocal immunofluorescent analysis of FAH Antibody (N-term)(Cat#AP11966a) with HepG2 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



FAH Antibody (N-term) (Cat. #AP11966a) western blot analysis in HepG2 cell line lysates (35ug/lane). This demonstrates the FAH antibody detected the FAH protein (arrow).



FAH Antibody (N-term) (Cat. #AP11966a) immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of FAH Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

#### **FAH Antibody (N-term) - Background**

This gene encodes the last enzyme in the tyrosine catabolism pathway. FAH deficiency is associated with Type 1 hereditary tyrosinemia (HT).

#### **FAH Antibody (N-term) - References**

Joslyn, G., et al. Alcohol. Clin. Exp. Res. 34(5):800-812(2010)  
Liu, J., et al. Hum Brain Mapp 30(1):241-255(2009)  
Ferreira, M.A., et al. Nat. Genet. 40(9):1056-1058(2008)  
Blikrud, Y.T., et al. J. Mol. Med. 83(5):406-410(2005)  
Dreumont, N., et al. BMC Mol. Biol. 6 (1), 1 (2005) :