

A8597

Leader in Biomolecular Solutions for Life Science



AIFM3 Rabbit pAb

Catalog No.: A8597

Basic Information

Observed MW

72kDa

Calculated MW

67kDa

Category

Polyclonal Antibody

Applications

WB,IHC-P,ELISA

Cross-Reactivity

Human,Mouse,Rat

Background

Predicted to enable several functions, including 2 iron, 2 sulfur cluster binding activity; flavin adenine dinucleotide binding activity; and metal ion binding activity. Involved in execution phase of apoptosis. Located in cytosol; endoplasmic reticulum; and mitochondrial inner membrane.

Recommended Dilutions

WB 1:500 - 1:2000

IHC-P 1:50 - 1:200

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

150209

Swiss Prot

Q96NN9

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

AIFL; AIFM3

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

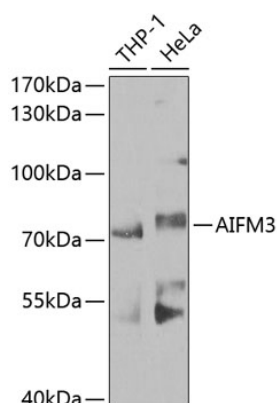
Affinity purification

Storage

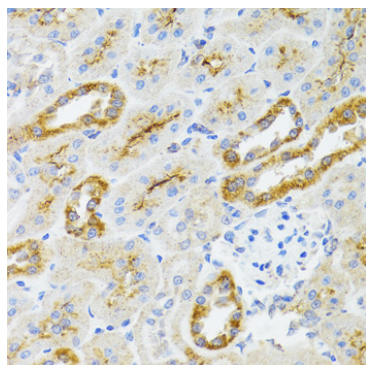
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

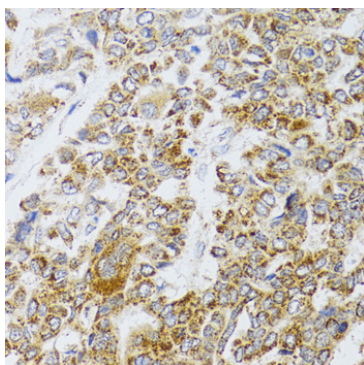
Validation Data



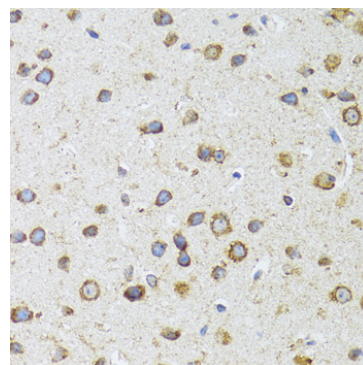
Western blot analysis of various lysates using AIFM3 Rabbit pAb (A8597) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.



Immunohistochemistry analysis of paraffin-embedded Rat kidney using AIFM3 Rabbit pAb (A8597) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human liver cancer using AIFM3 Rabbit pAb (A8597) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse brain using AIFM3 Rabbit pAb (A8597) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.