

FHL5 Rabbit mAb

Catalog NO.: A25133 **Recombinant**

Basic Information

Observed MW

35 kDa

Calculated MW

33 kDa

Category

Monoclonal Antibodies

Applications

WB, IF/ICC, IP, ELISA

Cross-Reactivity

Human, Mouse

Conjugation

Unconjugated

Clone number

ARC63031

Background

The protein encoded by this gene is coordinately expressed with activator of cAMP-responsive element modulator (CREM). It is associated with CREM and confers a powerful transcriptional activation function. CREM acts as a transcription factor essential for the differentiation of spermatids into mature spermatozoa. There are multiple polyadenylation sites found in this gene. Polymorphisms in this gene may be associated with susceptibility for migraine headaches. Alternative splicing results in multiple transcript variants encoding the same protein.

Recommended Dilutions

WB 1:1000 - 1:5000

IF/ICC 1:50 - 1:200

IP

0.5µg-4µg antibody for 200µg-400µg extracts of whole cells

ELISA

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

Contact

Immunogen Information

Gene ID

9457

Swiss Prot

Q5TD97

Immunogen

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

Synonyms

ACT; FHL-5; dJ393D12.2; 1700027G07Rik; FHL5

Product Information

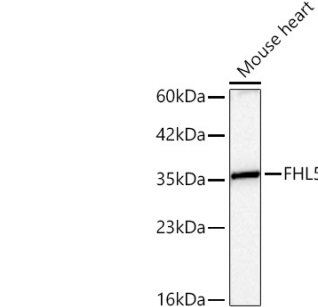
		order@abclonal.com
		service@abclonal.com
		www.abclonal.com

Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at -20°C. Avoid freeze / thaw cycles.		
Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.		

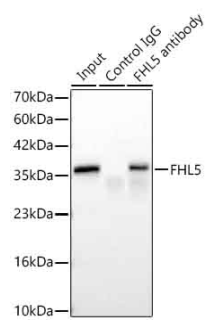
Validation Data

	Western blot analysis of lysates from wild type (WT) and 293T cells transfected with FHL5 using FHL5 Rabbit mAb (A25133) at 1:4000 dilution incubated overnight at 4°C.
	Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
	Lysates/proteins: 25 µg per lane.
	Blocking buffer: 3% nonfat dry milk in TBST.
	Detection: ECL Basic Kit (RM00020).

Exposure time: 5 s.

	Western blot analysis of lysates from Mouse heart using FHL5 Rabbit mAb (A25133) at 1:4000 dilution incubated overnight at 4°C.
	Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
	Lysates/proteins: 25 µg per lane.
	Blocking buffer: 3% nonfat dry milk in TBST.
	Detection: ECL Basic Kit (RM00020).

Exposure time: 45 s.



Immunoprecipitation of FHL5 in 300 µg extracts from 293T cells transfected with FHL5, using 3 µg FHL5 Rabbit mAb (A25133). Western blot analysis was performed using FHL5 Rabbit mAb (A25133) at 1:3000 dilution.

Validation Data



Confocal imaging of 293T cells transfected with FHL5 using FHL5 Rabbit mAb (A25133, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.

