

## anti- UCP1 antibody

### Product Information

Catalog No.:	FNab09227
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

UCP are mitochondrial transporter proteins that create proton leaks across the inner mitochondrial membrane, thus uncoupling oxidative phosphorylation from ATP synthesis. As a result, energy is dissipated in the form of heat.

### Immunogen information

Immunogen:	uncoupling protein 1(mitochondrial, proton carrier)
Synonyms:	SLC25A7, Thermogenin, UCP, UCP 1, UCP1
Observed MW:	33 kDa
Uniprot ID :	P25874

### Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC
Recommended dilution:	WB: 1:500-1:1000; IHC: 1:20-1:200
Image:	

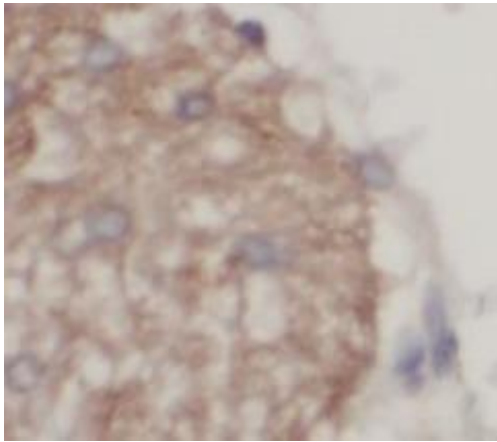
### Wuhan Fine Biotech Co., Ltd.

B9 Bld, High-Tech Medical Devices Park, No. 818 Gaoxin Ave. East Lake High-Tech Development Zone. Wuhan, Hubei, China(430206)

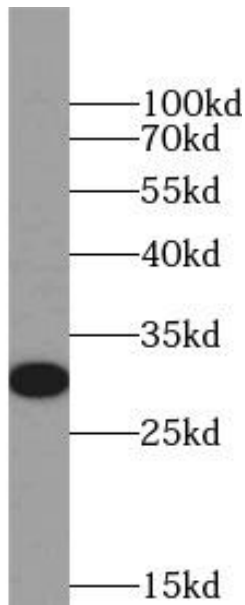
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Immunohistochemistry of paraffin-embedded rat brain using FNab09227(UCP1 antibody) at dilution of 1:50



mouse brown adipose tissue were subjected to SDS PAGE followed by western blot with FNab09227(UCP1 antibody) at dilution of 1:600