

## anti- UCP5 antibody

### Product Information

Catalog No.:	FNab09230
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

UCP5, also known as BMCP1 (brain mitochondrial carrier protein-1), is a member of uncoupling proteins (UCPs) that catalyze proton leaks across the inner mitochondrial membrane, thus uncoupling fuel oxidation from ATP synthesis. UCPs are implicated in metabolic rate and adaptational thermoregulation. UCP5 is widely expressed with high abundance in brain and testis. Alternative splicing generates several isoforms of UCP5.

### Immunogen information

Immunogen:	solute carrier family 25 (mitochondrial carrier, brain), member 14
Synonyms:	BMCP 1, BMCP1, SLC25A14, UCP 5, UCP5
Observed MW:	36 kDa
Uniprot ID :	O95258

### Application

Reactivity:	Human
Tested Application:	ELISA, WB
Recommended dilution: WB:	1:200-1:1000

### Wuhan Fine Biotech Co., Ltd.

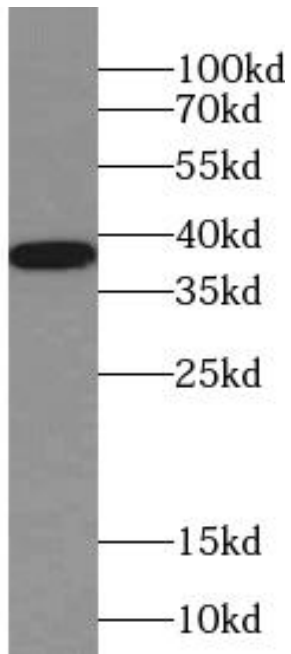
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Image:



fetal human brain tissue were subjected to SDS PAGE followed by western blot with FNab09230(SLC25A14 Antibody) at dilution of 1:300