

## anti- AMPD1-Specific antibody

### Product Information

Catalog No.:	FNab00370
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

AMPD1, also named as MAD and MADA, belongs to the adenosine and AMP deaminases family. AMP deaminase plays a critical role in energy metabolism. It catalyzes the reaction:  $AMP + H_2O = IMP + NH_3$ . Defects in AMPD1 are the cause of adenosine monophosphate deaminase deficiency muscle type (AMPDDM) which is a metabolic disorder resulting in exercise-related myopathy. The antibody is specific to AMPD1.

### Immunogen information

Immunogen:	adenosine monophosphate deaminase 1(isoform M)
Synonyms:	AMPD1, MAD, Myoadenylate deaminase, AMP deaminase isoform M, AMP deaminase 1
Observed MW:	80 kDa
UniprotID :	P23109

### Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB

### Wuhan Fine Biotech Co., Ltd.

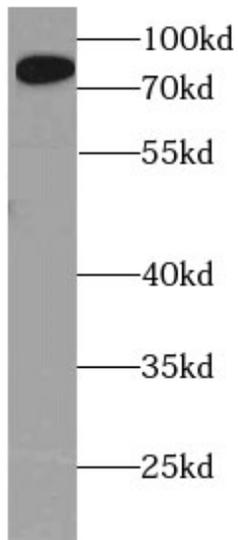
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Recommended dilution: WB: 1:500-1:5000

Image:



mouse skeletal muscle tissue were subjected to SDS PAGE followed by western blot with FNab00370(AMPD1-Specific antibody) at dilution of 1:300

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