

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

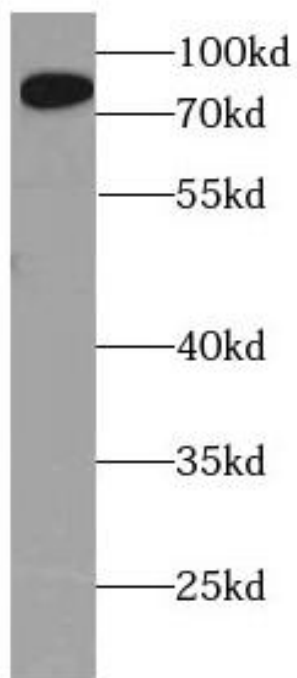
AMPD1, also named as MAD and MADA, belongs to the adenosine and AMP deaminases family. AMP deaminase plays a critical role in energy metabolism. It catalyzes the reaction: $\text{AMP} + \text{H}_2\text{O} = \text{IMP} + \text{NH}_3$. Defects in AMPD1 are the cause of adenosine monophosphate deaminase 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:	AMP deaminase 1 AMP deaminase isoform M Myoadenylate deaminase AMPD1
Observed MW:	80 kDa
Uniprot ID :	P23109

Application

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