## antibodies

## Datasheet for ABIN7384077 anti-IVD antibody



Overview	
Quantity:	60 µL
Target:	IVD
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IVD antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)
Product Details	
Immunogen:	Recombinant fusion protein of human IVD (NP_002216.2).
Isotype:	lgG
Purification:	Affinity purification
Target Details	
Target:	IVD
Alternative Name:	IVD (IVD Products)
Background:	IVD,ACAD2,Isovaleryl-CoA dehydrogenase (IVD) is a mitochondrial matrix enzyme that

## catalyzes the third step in leucine catabolism. The genetic deficiency of IVD results in an accumulation of isovaleric acid, which is toxic to the central nervous system and leads to

isovaleric acidemia. Alternatively spliced transcript variants encoding different isoforms have

been found for this gene.

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Target Details	
Molecular Weight:	Observed_MW: 42 kDa
	Calculated_MW: 42 kDa/46 kDa
Gene ID:	3712
UniProt:	P26440
Pathways:	Monocarboxylic Acid Catabolic Process
Application Details	
Application Notes:	WB 1:200-1:2000 IHC 1:50-1:200
Restrictions:	For Research Use only
Handling	
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.