Datasheet for ABIN2787703

anti-IVD antibody (N-Term)

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Overview

Quantity:	100 µL
Target:	IVD
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Guinea Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IVD antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human IVD
Sequence:	APKAQEIDRS NEFKNLREFW KQLGNLGVLG ITAPVQYGGS GLGYLEHVLV
Predicted Reactivity:	Cow: 86%, Dog: 79%, Guinea Pig: 86%, Horse: 79%, Human: 100%, Mouse: 79%, Rabbit: 93%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against IVD. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	IVD
Alternative Name:	IVD (IVD Products)

Target Details

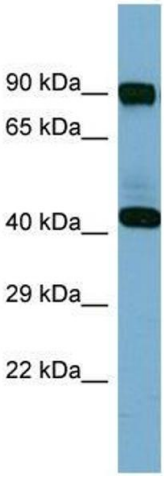
Background:	Isovaleryl-CoA dehydrogenase (IVD) is a mitochondrial matrix enzyme that catalyzes the third step in leucine catabolism. The genetic deficiency of IVD results in an accumulation of isovaleric acid, which is toxic to the central nervous system and leads to isovaleric acidemia. Protein Interaction Partner: SUMO2, UBC, SUMO1, NEDD8, TERF2, IVD, Protein Size: 423
Molecular Weight:	46 kDa
Gene ID:	3712
UniProt:	P26440
Pathways:	Monocarboxylic Acid Catabolic Process

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1.