

IVD Polyclonal Antibody

Catalog No: #28898



Package Size: #28898-1 50ul #28898-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

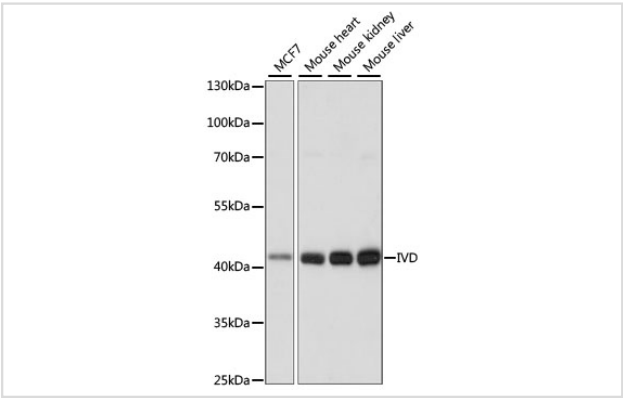
Description

Product Name	IVD Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human IVD (NP_002216.2).
Other Names	IVD; ACAD2; isovaleryl-CoA dehydrogenase
Accession No.	Swiss-Prot#:P26440NCBI Gene ID:3712
Uniprot	P26440
GeneID	3712;
Calculated MW	42kDa
Formulation	Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

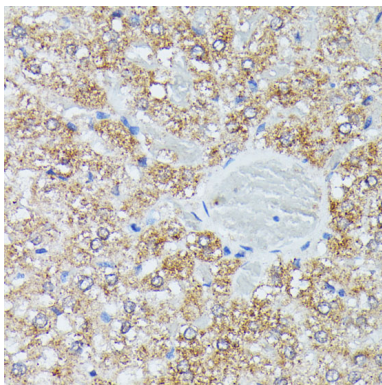
Application Details

WB 1:200 - 1:2000IHC 1:50 - 1:200

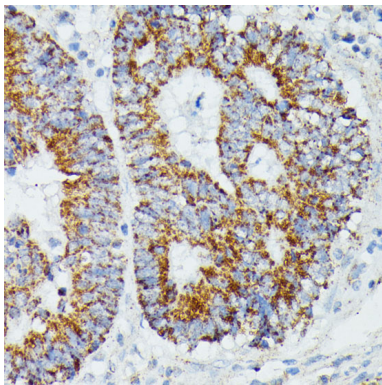
Images



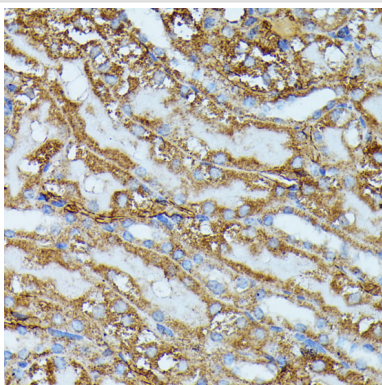
Western blot analysis of extracts of various cell lines, using IVD at 1:1000 dilution.



Immunohistochemistry of paraffin-embedded rat liver using IVD at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human colon carcinoma using IVD at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse kidney using IVD at dilution of 1:100 (40x lens).

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. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Note: This product is for in vitro research use only