For research purposes only, not for human use

Product Data Sheet

Anti-IVD Antibody

Catalog #	Source	Reactivity	Applications
CQA4815	Rabbit	H, M, R	WB, IH

Description	Rabbit polyclonal antibody to IVD
Immunogen	Recombinant fusion protein of human IVD. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of IVD protein
Clonality	Polyclonal
Conjugation	
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Dilution	WB (1/500 - 1/2000), IH (1/50 - 1/200)
Gene Symbol	IVD
Alternative Names	Isovaleryl-CoA dehydrogenase mitochondrial; IVD
Entrez Gene	3712 (Human); 56357 (Mouse); 24513 (Rat)
SwissProt	P26440 (Human); Q9JHI5 (Mouse); P12007 (Rat)
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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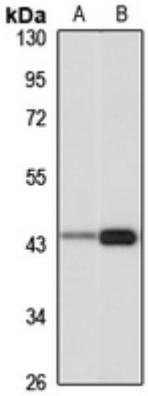
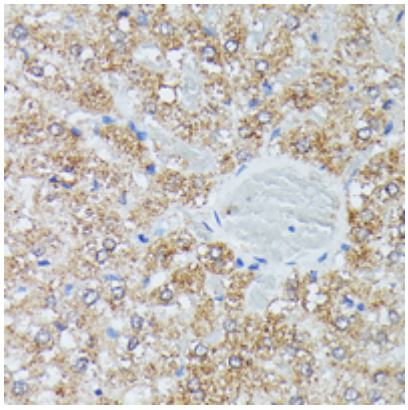


Western blot analysis of IVD expression in MCF7 (A), mouse kidney (B) whole cell lysates. (Predicted band size: 42; 46 kD; Observed band size: 42 kD)



Immunohistochemical analysis of IVD staining in rat liver formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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