

bs-16876R**[Primary Antibody]****L2HGDH Rabbit pAb****Bioss**
ANTIBODIES

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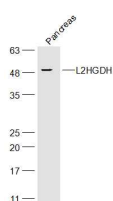
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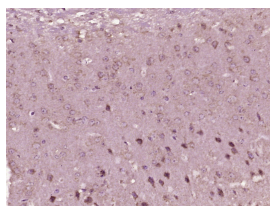
400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 79944	SWISS: Q9H9P8	IHC-F (1:100-500)
Target: L2HGDH		IF (1:100-500)
Immunogen: KLH conjugated synthetic peptide derived from human L2HGDH: 201-300/463.		
Purification: affinity purified by Protein A		Reactivity: Mouse (predicted: Human, Rat, Rabbit, Pig, Sheep, Cow, Horse, Orangutan)
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		Predicted MW.: 45 kDa
Background: This gene encodes L-2-hydroxyglutarate dehydrogenase, a FAD-dependent enzyme that oxidizes L-2-hydroxyglutarate to alpha-ketoglutarate in a variety of mammalian tissues. Mutations in this gene cause L-2-hydroxyglutaric aciduria, a rare autosomal recessive neurometabolic disorder resulting in moderate to severe mental retardation. [provided by RefSeq, Jul 2008]		Subcellular Location: Cytoplasm

— VALIDATION IMAGES —

Sample: Pancreas (Mouse) Lysate at 40 ug
Primary: Anti-L2HGDH (bs-16876R) at 1/300
dilution Secondary: IRDye800CW Goat Anti-
Rabbit IgG at 1/20000 dilution Predicted band
size: 45 kD Observed band size: 48 kD



Paraformaldehyde-fixed, paraffin embedded
(Mouse brain); Antigen retrieval by boiling in
sodium citrate buffer (pH6.0) for 15min; Block
endogenous peroxidase by 3% hydrogen
peroxide for 20 minutes; Blocking buffer (normal
goat serum) at 37°C for 30min; Antibody
incubation with (L2HGDH) Polyclonal Antibody,
Unconjugated (bs-16876R) at 1:400 overnight at
4°C, followed by operating according to SP
Kit(Rabbit) (sp-0023) instructions and DAB
staining.