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## anti-L2HGDH antibody (Internal Region)

3 Images



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Overview	
Quantity:	100 μL
Target:	L2HGDH
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This L2HGDH antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)
Product Details	
Immunogen:	A synthesized peptide derived from human L2HGDH, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	L2HGDH Antibody detects endogenous levels of total L2HGDH.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Rabbit,Dog,Chicken,Xenopus
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink <sup>TM</sup> Coupling Resin (Thermo Fisher Scientific).
Target Details	
Target:	L2HGDH

### **Target Details**

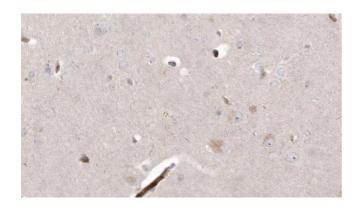
Alternative Name:	L2HGDH (L2HGDH Products)
Background:	Description: Was named 'duranin' in honor of Marinus Duran, who first described L-2-hydroxyglutaric aciduria.  Gene: L2HGDH
Molecular Weight:	46-48 kDa
Gene ID:	79944
UniProt:	Q9H9P8

## Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200
Restrictions:	For Research Use only

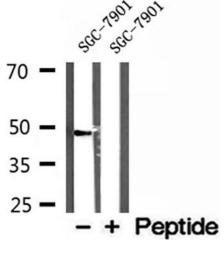
## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit lgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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. Stable for 12 months from date of receipt.
Expiry Date:	12 months



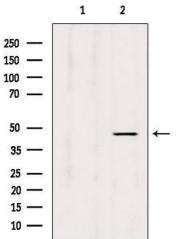
#### **Immunohistochemistry**

**Image 1.** ABIN6273003 at 1/100 staining Human brain cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



#### **Western Blotting**

**Image 2.** Western blot analysis of extracts of SGC-7901 cells, using L2HGDH antibody.



#### **Western Blotting**

**Image 3.** Western blot analysis of extracts from Hela, using L2HGDH Antibody. Lane 1 was treated with the blocking peptide.