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Datasheet for ABIN7441568 anti-LCT antibody (AA 33-291)

2 Images



Overview

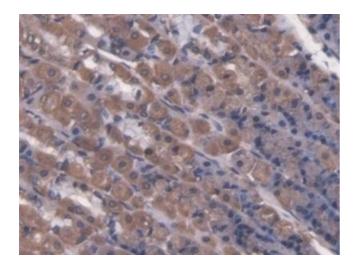
Quantity:	100 µL
Target:	LCT
Binding Specificity:	AA 33-291
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LCT antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB), Immunoprecipitation (IP), Immunocytochemistry (ICC)

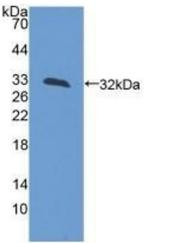
Product Details

Purpose:	Polyclonal Antibody to Lactase (LCT)
Immunogen:	Recombinant Lactase (LCT) corresdonding to Ala33~Ala291
Isotype:	lgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against LCT. It has been selected for its ability to recognize LCT in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

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Target Details	
Target:	LCT
Alternative Name:	Lactase (LCT Products)
Background:	LAC, LPH, LPH1, Lactose-Phlorizin Hydrolase
Application Details	
Application Notes:	Western blotting: 0.5-2 µg/mL Immunocytochemistry in formalin fixed cells: 5-20 µg/mL Immunohistochemistry in formalin fixed frozen section: 5-20 µg/mL Immunohistochemistry in paraffin section: 5-20 µg/mL Enzyme-linked Immunosorbent Assay: 0.05-2 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 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:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months





Immunohistochemistry

Image 1. Detection of LCT in Rat Stomach Tissue using Polyclonal Antibody to Lactase (LCT)

Western Blotting

Image 2. Detection of Recombinant LCT, Rat using Polyclonal Antibody to Lactase (LCT)

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