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Datasheet for ABIN1898818
anti-GLO1 antibody (AA 1-184)

1 Image

Overview

Quantity:	50 µL
Target:	GLO1
Binding Specificity:	AA 1-184
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GLO1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

Product Details

Brand:	IHC-plus™
Immunogen:	Recombinant fragment corresponding to a region within amino acids 1 and 184 of Glyoxalase I (SwissProt Q04760). Percent identity by BLAST analysis: Human (100%), Rat (91%), Bovine (90%), Xenopus (82%). Type of Immunogen: Recombinant protein
Isotype:	IgG
Specificity:	Human GLO1 / Glyoxalase I
Purification:	Immunoaffinity purified

Target Details

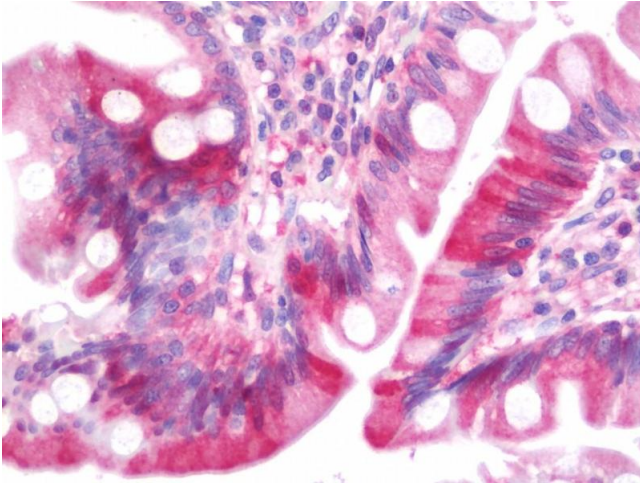
Target:	GL01
Alternative Name:	GL01 / Glyoxalase I (GL01 Products)
Background:	Name/Gene ID: GL01 Synonyms: GL01, Aldoketomutase, Glx I, Glyoxalase domain containing 1, Glyoxalase I, Lactoyl glutathione lyase, Lactoylglutathione lyase, GLOD1, Methylglyoxalase, Ketone-aldehyde mutase, GLYI
Gene ID:	2739

Application Details

Application Notes:	Approved: ICC (1:100 - 1:1000), IHC, IHC-P (7.5 µg/mL), WB (1:500 - 1:3000) Usage: IHC-paraffin: Suggested antigen retrieval using heat mediated 10 mM Citrate buffer (pH 6.0) or Tris-EDTA buffer (pH 8.0).
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	0.1 M Tris-glycine, pH 7.0, 10 % glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid multiple freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



Immunohistochemistry

Image 1. Anti-GLO1 / Glyoxalase I antibody IHC staining of human small intestine. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 7.5 ug/ml.