

Anti-GLO1 antibody

Cat. No.	ml222423
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-GLO1 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human GLO1
Reactivity	Human, Mouse, Rat
Content	0.5 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	GLO1
Full name	glyoxalase I

Synonyms GLYI; GLOD1; HEL-S-74

Swissprot Q04760

Target Background

The enzyme encoded by this gene is responsible for the catalysis and formation of S-lactoyl-glutathione from methylglyoxal condensation and reduced glutathione. Glyoxalase I is linked to HLA and is localized to 6p21.3-p21.1, between HLA and the centromere.

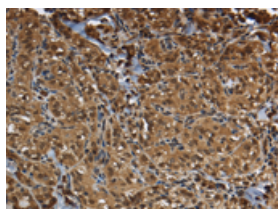
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm and Nucleus

Positive control: Human thyroid cancer

Recommended dilution: 100-300

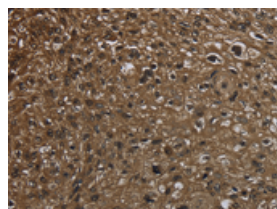


The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml222423(GLO1 Antibody) at dilution 1/50, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Predicted cell location: Cytoplasm and Nucleus

Positive control: Human esophagus cancer

Recommended dilution: 100-300



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using ml222423(GLO1 Antibody) at dilution 1/50, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 21 kDa

Positive control: Human prostate tissue and Raji cells

Recommended dilution: 500-2000

Gel: 10%SDS-PAGE

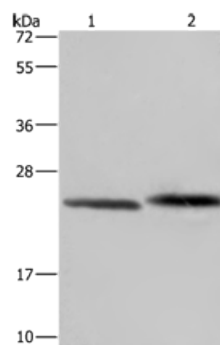
Lysate: 40 µg

Lane 1-2: Human prostate tissue, Raji cells

Primary antibody: ml222423(GLO1 Antibody) at dilution 1/400

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 30 seconds



ELISA

Recommended dilution: 2000-5000

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