

Anti-AMDHD2 antibody

Cat. No.	ml221604
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-AMDHD2 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human AMDHD2
Reactivity	Human, Mouse, Rat
Content	0.3 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	AMDHD2
Full name	amidohydrolase domain containing 2

Synonyms	CGI-14
Swissprot	Q9Y303

Target Background

Hydrolyzes the N-glycolyl group from N-glycolylglucosamine 6-phosphate (GlcNGc-6-P) in the N-glycolylneuraminic acid (Neu5Gc) degradation pathway. Although human is not able to catalyze formation of Neu5Gc due to the inactive CMAHP enzyme, Neu5Gc is present in food and must be degraded.

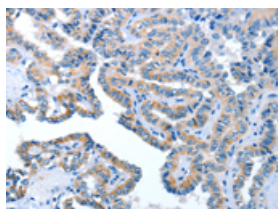
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human thyroid cancer

Recommended dilution: 50-200

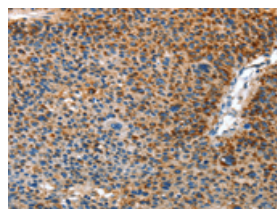


The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml221604(AMDHD2 Antibody) at dilution 1/40, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Predicted cell location: Cytoplasm

Positive control: Human liver cancer

Recommended dilution: 50-200



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml221604(AMDHD2 Antibody) at dilution 1/40, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 44 kDa

Positive control: mouse heart and liver tissue

Recommended dilution: 200-1000

Gel: 10%SDS-PAGE

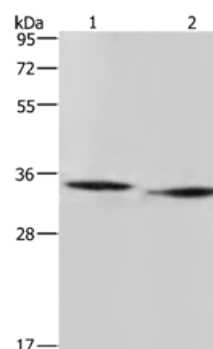
Lysate: 40 µg

Lane 1-2: mouse heart tissue, Mouse liver tissue

Primary antibody: ml221604(AMDHD2 Antibody) at dilution 1/500

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

Exposure time: 3 minutes



ELISA

Recommended dilution: 2000-5000

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