

ATGL (AX0390) Rabbit mAb

M3386

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat,

Applications

- WB,IHC,IF,IP,ELISA

MW

- 55kDa (Calculated)
- 55kDa (Observed)

Isotype

- IgG

Recommended Dilution Ratios

Application

Western Blotting (WB)

Immunohistochemistry (IHC) (Paraffin)

IF/ICC

ELISA

Immunoprecipitation (IP)

Dilution

1:2000-10000

1:200-1000

1:200-1000

1:5000-20000

1:50-200

Storage

Storage at -15°C to -25°C/1 year (Do not lower than -25°C)

Storage buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA

Basic Information

Clonality Monoclonal

Clone Number AX0390

Immunogen Recombinant protein of the human ATGL protein.

Specificity The antibody can specifically recognize human ATGL protein.

Purification Affinity purification Protein A

Concentration Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name PNPLA2 ATGL FP17548

Protein Name ATGL

Database Link	Organism	Swiss Prot.	Gene ID
	Human	Q96AD5	57104
	Mouse	Q8BJ56	66853
	Rat	P0C548	100911615

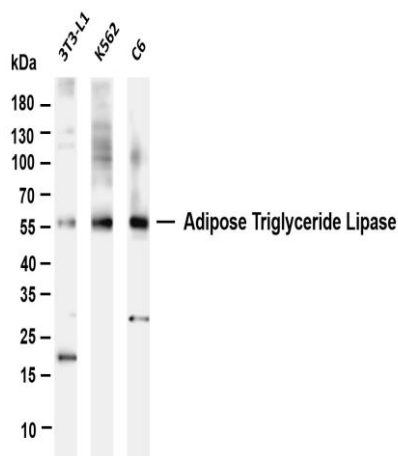
Background

This gene encodes an enzyme which catalyzes the first step in the hydrolysis of triglycerides in adipose tissue. Mutations in this gene are associated with neutral lipid storage disease with myopathy. [provided by RefSeq, Jul 2010]

Validation Data



Rat white adipose was stained with anti-ATGL (PT0586R) rabbit antibody



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti- ATGL (PT0586R) antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

Lane 1: 3T3-L1

Lane 2: K562

Lane 3: C6

Predicted band size: 55kDa

Observed band size: 55kDa