

PAD433Ra01

Polyclonal Antibody to Myosin ID (MYO1D)

Organism Species: *Rattus norvegicus* (Rat)

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Polyclonal antibody preparation

Host: Rabbit

Purification: Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Traits: Liquid

Concentration: 500µg/mL

UOM: 100µL

Cross Reactivity: N/A

Applications: WB,IHC

[IMMUNOGEN]

Immunogen: Recombinant MYO1D (Val512~Leu788 (Accession # Q63357)) expressed in *E.coli*

Accession No.: RPD433Ra01

[APPLICATIONS]

Western blotting: 0.01-2µg/mL;

Immunohistochemistry: 5-20µg/mL;

Immunocytochemistry: 5-20µg/mL;

Optimal working dilutions must be determined by end user.

[FORMULATION]

Form & Buffer: Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 4°C for frequent use.

Aliquot and store at -20°C for 24 months.

Stability Test: 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.

[IDENTIFICATION]

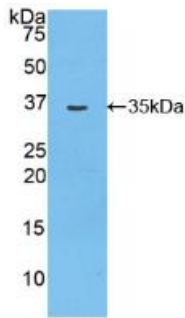
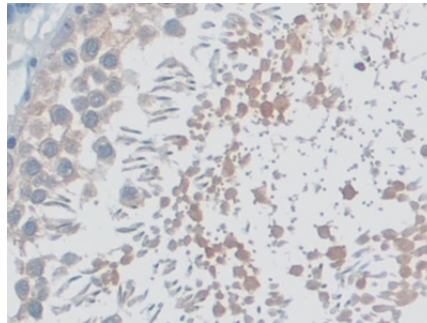
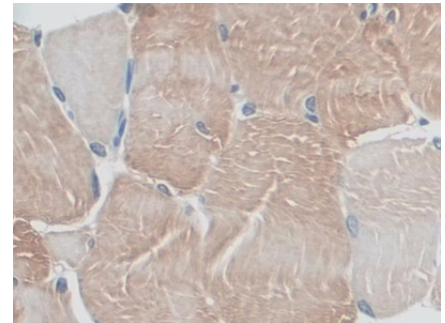


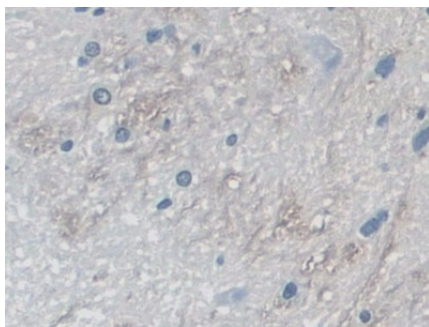
Figure. Western Blot; Sample: Recombinant MYO1D, Rat.



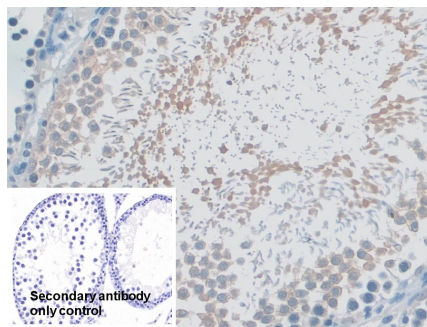
DAB staining on IHC-P; Samples: Rat Testis Tissue; Primary Ab: 20µg/ml Rabbit Anti-Rat MYO1D Antibody
Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



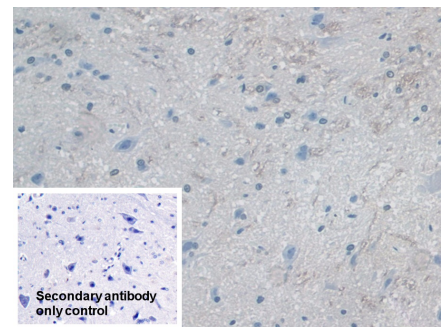
DAB staining on IHC-P; Samples: Rat Skeletal muscle Tissue; Primary Ab: 20µg/ml Rabbit Anti-Rat MYO1D Antibody
Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



DAB staining on IHC-P; Samples: Rat Spinal cord Tissue; Primary Ab: 20µg/ml Rabbit Anti-Rat MYO1D Antibody
Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)

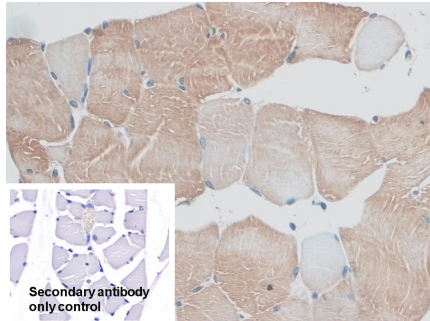


DAB staining on IHC-P; Sample: Rat Testis Tissue
Primary Ab: 20µg/ml Rabbit Anti-Rat MYO1D Antibody
Control: Used PBS instead of primary antibody
Second Ab: 2µg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal



DAB staining on IHC-P; Sample: Rat Spinal cord Tissue
Primary Ab: 20µg/ml Rabbit Anti-Rat MYO1D Antibody
Control: Used PBS instead of primary antibody
Second Ab: 2µg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal

Antibody
(Catalog: SAA544Rb19)



DAB staining on IHC-P;

Sample: Rat Skeletal muscle Tissue

Primary Ab: 20µg/ml Rabbit Anti-Rat
MYO1D Antibody

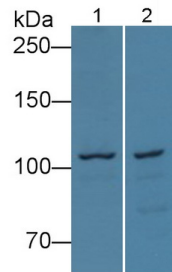
Control: Used PBS instead of primary
antibody

Second Ab: 2µg/ml HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal
Antibody

(Catalog: SAA544Rb19)

Antibody
(Catalog: SAA544Rb19)



Western Blot; Sample: Lane1: Rat Liver

lysate; Lane2: Rat Cerebrum lysate

Primary Ab: 1µg/ml Rabbit Anti-Rat
MYO1D Antibody

Second Ab: 0.2µg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)

[**IMPORTANT NOTE**]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.