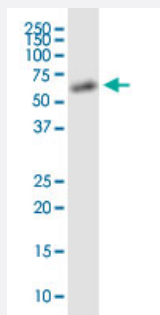


# AAAS monoclonal antibody (M02), clone 5A1

Catalog # H00008086-M02

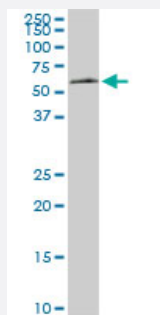
Size 100 ug

## Applications



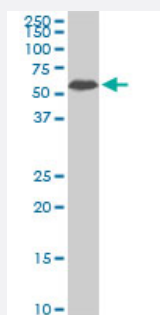
### Western Blot (Cell lysate)

AAAS monoclonal antibody (M02), clone 5A1. Western Blot analysis of AAAS expression in Jurkat.



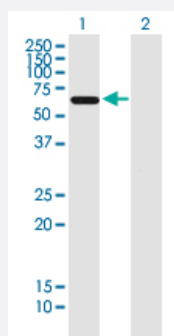
### Western Blot (Cell lysate)

AAAS monoclonal antibody (M02), clone 5A1. Western Blot analysis of AAAS expression in NIH/3T3(Cat # L018V1 ).



### Western Blot (Cell lysate)

AAAS monoclonal antibody (M02), clone 5A1. Western Blot analysis of AAAS expression in PC-12(Cat # L012V1 ).

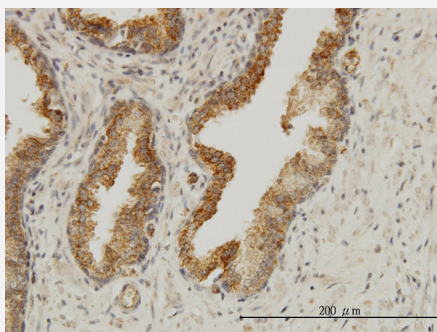


### Western Blot (Transfected lysate)

Western Blot analysis of AAAS expression in transfected 293T cell line by AAAS monoclonal antibody (M02), clone 5A1.

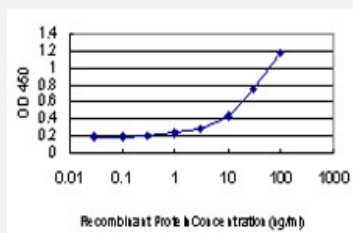
Lane 1: AAAS transfected lysate (Predicted MW: 59.6 KDa).

Lane 2: Non-transfected lysate.



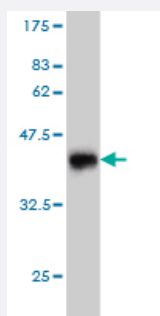
### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to AAAS on formalin-fixed paraffin-embedded human prostate. [antibody concentration 3 ug/ml]



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged AAAS is approximately 1ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

## Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant AAAS.
Immunogen	AAAS (NP_056480, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MCSLGLFPPPPPRGQVTLYEHNNELVTGSSYESPPPDFRGQWINLPVLQLTKDPLKTPGRLDHGT RTAFIHHREQVWKRCINIWRDVGLFGVLNEIANSE
Host	Mouse
Reactivity	Human, Mouse, Rat
Interspecies Antigen Sequence	Mouse (95); Rat (94)
Isotype	IgG2a Kappa

**Quality Control Testing**

Antibody Reactive Against Recombinant Protein.  
Western Blot detection against Immunogen (36.74 KDa) .

**Storage Buffer**

In 1x PBS, pH 7.4

**Storage Instruction**

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Cell lysate)

AAAS monoclonal antibody (M02), clone 5A1. Western Blot analysis of AAAS expression in Jurkat.

[Protocol Download](#)

- Western Blot (Cell lysate)

AAAS monoclonal antibody (M02), clone 5A1. Western Blot analysis of AAAS expression in NIH/3T3(Cat # L018V1 ).

[Protocol Download](#)

- Western Blot (Cell lysate)

AAAS monoclonal antibody (M02), clone 5A1. Western Blot analysis of AAAS expression in PC-12(Cat # L012V1 ).

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of AAAS expression in transfected 293T cell line by AAAS monoclonal antibody (M02), clone 5A1.

Lane 1: AAAS transfected lysate (Predicted MW: 59.6 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to AAAS on formalin-fixed paraffin-embedded human prostate. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged AAAS is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — AAAS

Entrez GeneID	<a href="#">8086</a>
GeneBank Accession#	<a href="#">NM_015665</a>
Protein Accession#	<a href="#">NP_056480</a>
Gene Name	AAAS
Gene Alias	AAA, AAASb, ADRACALA, ADRACALIN, ALADIN, DKFZp586G1624, GL003
Gene Description	achalasia, adrenocortical insufficiency, alacrimia (Allgrove, triple-A)
Omim ID	<a href="#">231550</a> <a href="#">605378</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	achalasia
Other Designations	-