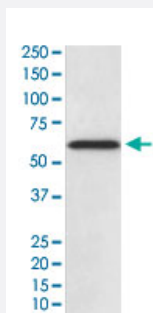


# CAT monoclonal antibody, clone AAGA-3

Catalog # MAB19643      Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western Blot (Cell lysate) analysis of HepG2 cell lysate.

## Specification

|                            |                                                                                                                                                                                       |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b> | Rabbit monoclonal antibody raised against synthetic peptide of human CAT.                                                                                                             |
| <b>Immunogen</b>           | A synthetic peptide corresponding to human CAT.                                                                                                                                       |
| <b>Host</b>                | Rabbit                                                                                                                                                                                |
| <b>Reactivity</b>          | Human, Mouse, Rat                                                                                                                                                                     |
| <b>Form</b>                | Liquid                                                                                                                                                                                |
| <b>Purification</b>        | Affinity purification                                                                                                                                                                 |
| <b>Isotype</b>             | IgG                                                                                                                                                                                   |
| <b>Recommend Usage</b>     | Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-200)<br>Western Blot (1:500-1000)<br>The optimal working dilution should be determined by the end user.    |
| <b>Storage Buffer</b>      | In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).                                                                                                                       |
| <b>Storage Instruction</b> | Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing. |

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Cell lysate)

Western Blot (Cell lysate) analysis of HepG2 cell lysate.

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

## Gene Info — CAT

|               |                     |
|---------------|---------------------|
| Entrez GeneID | <a href="#">847</a> |
|---------------|---------------------|

|                    |                        |
|--------------------|------------------------|
| Protein Accession# | <a href="#">P04040</a> |
|--------------------|------------------------|

|           |     |
|-----------|-----|
| Gene Name | CAT |
|-----------|-----|

|            |                      |
|------------|----------------------|
| Gene Alias | MGC138422, MGC138424 |
|------------|----------------------|

|                  |          |
|------------------|----------|
| Gene Description | catalase |
|------------------|----------|

|         |                        |
|---------|------------------------|
| Omim ID | <a href="#">115500</a> |
|---------|------------------------|

|               |                           |
|---------------|---------------------------|
| Gene Ontology | <a href="#">Hyperlink</a> |
|---------------|---------------------------|

|                    |   |
|--------------------|---|
| Other Designations | - |
|--------------------|---|

## Pathway

- [Amyotrophic lateral sclerosis \(ALS\)](#)
- [Metabolic pathways](#)
- [Methane metabolism](#)
- [Tryptophan metabolism](#)

## Disease

- [Absenteeism](#)

- [Acute Disease](#)
- [Albuminuria](#)
- [Alcoholism](#)
- [Alzheimer disease](#)
- [Arsenic Poisoning](#)
- [Arthritis](#)
- [Asbestosis](#)
- [Asthma](#)
- [Brain Neoplasms](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiomyopathies](#)
- [Cardiovascular Diseases](#)
- [Chronic Disease](#)
- [Cognition](#)
- [Colorectal Neoplasms](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Delayed Graft Function](#)
- [Depressive Disorder](#)
- [Diabetes](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diabetic Angiopathies](#)
- [Diabetic Nephropathies](#)

- [Diabetic Neuropathies](#)
- [Diabetic Retinopathy](#)
- [Disease Models](#)
- [Disease Susceptibility](#)
- [DNA Damage](#)
- [Dyslipidemias](#)
- [Edema](#)
- [Gastritis](#)
- [Genetic Predisposition to Disease](#)
- [Glucose Intolerance](#)
- [Head and Neck Neoplasms](#)
- [Hearing Loss](#)
- [Helicobacter Infections](#)
- [Hypertension](#)
- [Inflammation](#)
- [Insulin Resistance](#)
- [Intestinal Neoplasms](#)
- [Keratoses](#)
- [Kidney Diseases](#)
- [Kidney Failure](#)
- [Liver Cirrhosis](#)
- [Liver Neoplasms](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)
- [Lymphoma](#)

- [Macular Degeneration](#)
- [Malnutrition](#)
- [Melanoma](#)
- [Metaplasia](#)
- [Mouth Neoplasms](#)
- [Neoplasms](#)
- [Obesity](#)
- [Occupational Diseases](#)
- [Osteonecrosis](#)
- [Osteoporosis](#)
- [Pancreatic Neoplasms](#)
- [Pancreatitis](#)
- [Poisoning](#)
- [Precancerous Conditions](#)
- [Pregnancy Complications](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Pseudoxanthoma Elasticum](#)
- [Psychiatric Status Rating Scales](#)
- [Pulmonary Disease](#)
- [Recurrence](#)
- [Respiratory Tract Diseases](#)
- [Skin Neoplasms](#)
- [Stomach Neoplasms](#)
- [Substance-Related Disorders](#)
- [Sunburn](#)

- [Urinary Bladder Neoplasms](#)
- [Vitiligo](#)
- [Werner syndrome](#)