

Datasheet for ABIN7236297

**anti-AIM2 antibody****2** Images[Go to Product page](#)

## Overview

|              |                                     |
|--------------|-------------------------------------|
| Quantity:    | 200 µL                              |
| Target:      | AIM2                                |
| Reactivity:  | Human                               |
| Host:        | Rabbit                              |
| Clonality:   | Polyclonal                          |
| Conjugate:   | This AIM2 antibody is un-conjugated |
| Application: | ELISA, Immunohistochemistry (IHC)   |

## Product Details

|                  |                                   |
|------------------|-----------------------------------|
| Immunogen:       | Recombinant protein of human AIM2 |
| Isotype:         | IgG                               |
| Characteristics: | Polyclonal Antibody               |
| Purification:    | Affinity purification             |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | AIM2   |
| Alternative Name: | AIM2 ( <a href="#">AIM2 Products</a> )   |
| Background:       | Interferon-inducible protein AIM2 (Absent in melanoma 2) is a 343 amino acid protein belonging to the HIN-200 family. Induced by IFN-, AIM2 is thought to act as a tumor suppressor by repressing NFB transcriptional activity. Localized to the nucleus, AIM2 contains one DAPIN domain and one HIN-200 domain. The DAPIN domain is composed mostly of $\alpha$ -helixes and is a |

## Target Details

protein-protein interaction domain capable of binding other DAPIN domains. The HIN-200 domain has been shown to bind directly to DNA, which, along with the binding of another protein ASC, results in the activation of Caspase-1.

UniProt: [O14862](#)

Pathways: [Activation of Innate immune Response](#), [Positive Regulation of Endopeptidase Activity](#), [Inflammasome](#)

## Application Details

Application Notes: IHC 1:50-1:200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.8 mg/mL

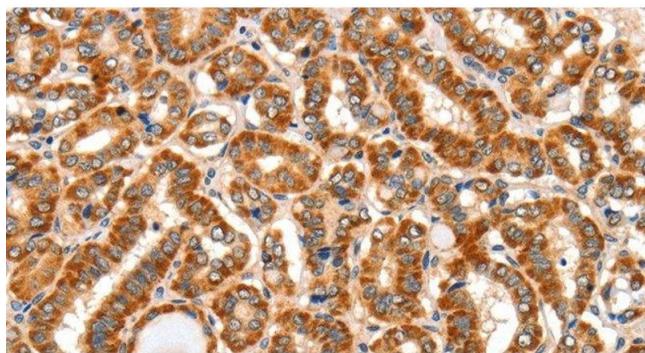
Buffer: PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

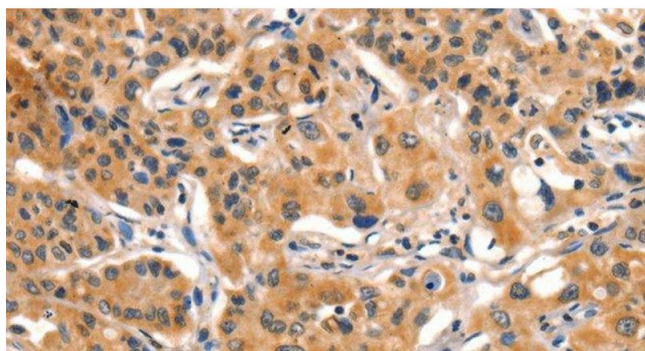
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using AIM2 Polyclonal Antibody at dilution 1:60



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Immunohistochemistry of paraffin-embedded Human lung cancer tissue using AIM2 Polyclonal Antibody at dilution 1:60