AIM2 Antibody

Catalog No: #36253



Orders: order@signalwayantibody.com Support: tech@signalwayantibody.com

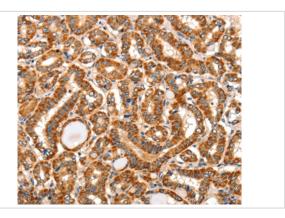
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| I Descri | ntion |
| Descri | puon |

| Product Name | AIM2 Antibody |
|-----------------------|---|
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | Antigen affinity purification. |
| Applications | IHC |
| Species Reactivity | Hu |
| Specificity | The antibody detects endogenous levels of total AIM2 protein. |
| Immunogen Type | Recombinant Protein |
| Immunogen Description | Fusion protein corresponding to a region derived from internal residues of human absent in melanoma 2 |
| Target Name | AIM2 |
| Other Names | PYHIN4 |
| Accession No. | Swiss-Prot#: O14862NCBI Gene ID: 9447Gene Accssion: BC010940 |
| Uniprot | O14862 |
| GeneID | 9447; |
| Concentration | 3.4mg/ml |
| Formulation | Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol. |
| Storage | Store at -20°C |
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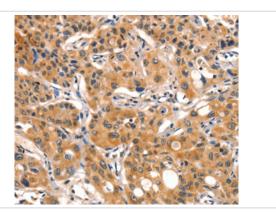
Application Details

Immunohistochemistry: 1:50-1:200

Images



Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using #36253 at dilution 1/60.



Immunohistochemical analysis of paraffin-embedded Human lung cancer tissue using #36253 at dilution 1/60.

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 NF?B transcriptional activity. Localized to the nucleus, AIM2 contains one DAPIN domain and one HIN-200 domain. The DAPIN domain is composed mostly of ?-helixes and is a 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.?

Note: This product is for in vitro research use only