

Product datasheet for **AP22454PU-N**

AIM2 (C-term) Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	Peptide ELISA: 1/8000 (Detection Limit). Western Blot: 1-3 µg/ml. Approx 50+55kDa bands observed in lysates of Human WI-38 fibroblast after treatment with interferon beta (calculated MW of 39.0kDa according to NP_004824.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Choubey et al., <i>J. Interferon Cytokine Res.</i> 2010 Jun;30(6):371-80. PMID: 20187776). Immunohistochemistry on Paraffin Sections: 4-6 µg/ml. In paraffin embedded Human Spleen shows nucleolar staining in some splenocytes.
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Peptide with sequence from the C-Terminus of the protein sequence according to NP_004824.1.
Specificity:	This antibody detects AIM2 at C-term.
Formulation:	Tris saline, pH~7.3 State: Aff - Purified State: Liquid purified Ig fraction Stabilizer: 0.5% BSA Preservative: 0.02% Sodium Azide
Concentration:	lot specific
Purification:	Ammonium Sulphate Precipitation followed by antigen Affinity Chromatography using the immunizing peptide
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	absent in melanoma 2



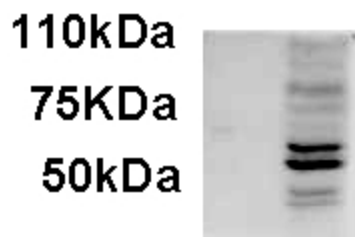
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[O14862](#)

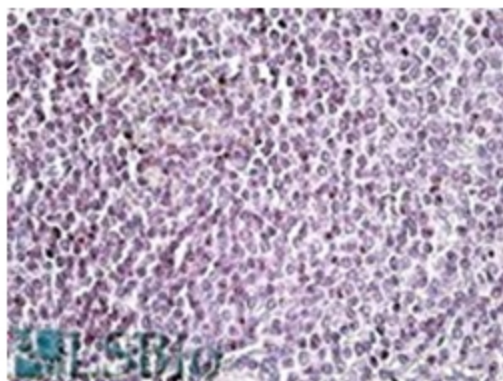
Background: AIM2 is a member of the IFI20X /IFI16 family. It plays a putative role in tumorigenic reversion and may control cell proliferation. Interferon gamma induces expression of AIM2.

Synonyms: PYHIN4

Product images:



AIM2 antibody staining of IFNbeta-treated WI-38 lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



AIM2 antibody staining of paraffin embedded Human Spleen at 3.8 ug/ml. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.