

## Goat anti-AIM2 Antibody

<b>Item Number</b>	dAP-3015
<b>Target Molecule</b>	Principle Name: AIM2; Official Symbol: AIM2; All Names and Symbols: AIM2; absent in melanoma 2; PYHIN4; Accession Number (s): NP_004824.1; Human Gene ID(s): 9447; Non-Human GeneID(s):
<b>Immunogen</b>	DKQYKSVTKPKPLSQ, is from internal region
<b>Applications</b>	Pep ELISA, WB Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 16000.
<b>Western Blot</b>	Western Blot: Approx 38kDa band observed in lysates of cell line Daudi (calculated MW of 39kDa according to NP_004824.1). Recommended concentration: 0.3-1µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Fernandes-Alnemri T, Yu JW, Datta P, Wu J, Alnemri ES, AIM2 activates the inflammasome and cell death in response to cytoplasmic DNA. Nature 2009 Mar 458 (7237): 509-13..PMID: 19158676->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**