

Datasheet for ABIN2787565  
**anti-AIP antibody (Middle Region)**



[Go to Product page](#)

2 Images

## Overview

|                      |                                                     |
|----------------------|-----------------------------------------------------|
| Quantity:            | 100 µL                                              |
| Target:              | AIP                                                 |
| Binding Specificity: | Middle Region                                       |
| Reactivity:          | Human, Mouse, Rat, Dog, Cow, Horse, Guinea Pig, Pig |
| Host:                | Rabbit                                              |
| Clonality:           | Polyclonal                                          |
| Conjugate:           | This AIP antibody is un-conjugated                  |
| Application:         | Western Blotting (WB)                               |

## Product Details

|                       |                                                                                                   |
|-----------------------|---------------------------------------------------------------------------------------------------|
| Immunogen:            | The immunogen is a synthetic peptide directed towards the middle region of human AIP              |
| Sequence:             | NAQEAQADFA KVLELDPALA PVVSRELQAL EARIRQKDEE DKARFRGIFS                                            |
| Predicted Reactivity: | Cow: 100%, Dog: 100%, Guinea Pig: 79%, Horse: 100%, Human: 100%, Mouse: 93%, Pig: 100%, Rat: 100% |
| Characteristics:      | This is a rabbit polyclonal antibody against AIP. It was validated on Western Blot.               |
| Purification:         | Affinity Purified                                                                                 |

## Target Details

|                   |                                      |
|-------------------|--------------------------------------|
| Target:           | AIP                                  |
| Alternative Name: | AIP ( <a href="#">AIP Products</a> ) |

## Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background:       | <p>The protein encoded by this gene is a receptor for aryl hydrocarbons and a ligand-activated transcription factor. The encoded protein is found in the cytoplasm as part of a multiprotein complex, but upon binding of ligand is transported to the nucleus. This protein can regulate the expression of many xenobiotic metabolizing enzymes. Also, the encoded protein can bind specifically to and inhibit the activity of hepatitis B virus.</p> <p>Alias Symbols: ARA9, FKBP16, FKBP37, SMTPHN, XAP2, XAP-2</p> <p>Protein Interaction Partner: GNA13, GNAQ, NADSYN1, DNAAF2, CDC37, SUGT1, USP19, PTGES3, HSP90AB1, HSP90AA1, UBC, AGO1, LAMP1, HSPA9, EIF2S3, PPP6R2, CDK9, CLEC7A, CSNK2A1, GDI2, NR3C2, AHR, ARNT, IRF7, STIP1, IKBKG, EGFR, TNNI3K, TOMM20, PDE4A, PPARA, HBVgp3,</p> <p>Protein Size: 330</p> |
| Molecular Weight: | 38 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Gene ID:          | 9049                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| NCBI Accession:   | <a href="#">NM_003977</a> , <a href="#">NP_003968</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| UniProt:          | <a href="#">O00170</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

## Application Details

|                    |                                                                                    |
|--------------------|------------------------------------------------------------------------------------|
| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment:           | Antigen size: 330 AA                                                               |
| Restrictions:      | For Research Use only                                                              |

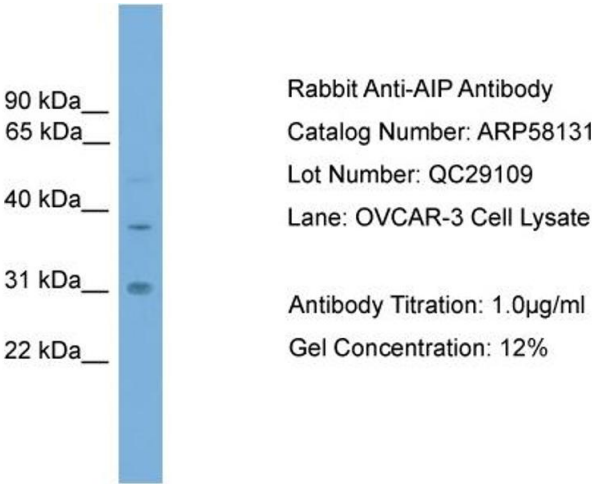
## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Concentration:     | Lot specific                                                                                                           |
| Buffer:            | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.                    |
| Preservative:      | Sodium azide                                                                                                           |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice:   | Avoid repeated freeze-thaw cycles.                                                                                     |
| Storage:           | -20 °C                                                                                                                 |

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images

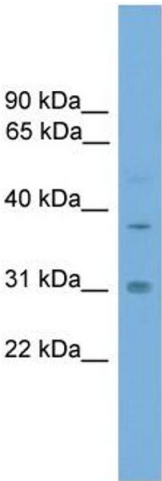


**Western Blotting**

**Image 1.** WB Suggested Anti-AIP

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:1562500

Positive Control: OVCAR-3 cell lysate



**Western Blotting**

**Image 2.** WB Suggested Anti-AIP Antibody Titration: 0.2-1 ug/ml

**ELISA Titer:** 1:1562500

**Positive Control:** OVCAR-3 cell lysate