

Datasheet for ABIN716360

**anti-IMPAD1 antibody (AA 81-180) (HRP)**[Go to Product page](#)

## Overview

|                      |                                                                                                                                                  |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                                           |
| Target:              | IMPAD1                                                                                                                                           |
| Binding Specificity: | AA 81-180                                                                                                                                        |
| Reactivity:          | Human                                                                                                                                            |
| Host:                | Rabbit                                                                                                                                           |
| Clonality:           | Polyclonal                                                                                                                                       |
| Conjugate:           | This IMPAD1 antibody is conjugated to HRP                                                                                                        |
| Application:         | Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)),<br>Immunohistochemistry (Frozen Sections) (IHC (fro)) |

## Product Details

|                       |                                                            |
|-----------------------|------------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human IMPAD1 |
| Isotype:              | IgG                                                        |
| Predicted Reactivity: | Human, Mouse, Rat, Dog, Cow, Sheep, Pig                    |
| Purification:         | Purified by Protein A.                                     |

## Target Details

|                   |                                                                                         |
|-------------------|-----------------------------------------------------------------------------------------|
| Target:           | IMPAD1                                                                                  |
| Alternative Name: | IMPAD1 ( <a href="#">IMPAD1 Products</a> )                                              |
| Background:       | Synonyms: IMP 3, IMPA3, IMPase 3, Inositol monophosphatase domain containing protein 1, |

## Target Details

Myo inositol monophosphatase A3.

Background: This gene encodes a member of the inositol monophosphatase family. The encoded protein is localized to the Golgi apparatus and catalyzes the hydrolysis of phosphoadenosine phosphate (PAP) to adenosine monophosphate (AMP). Mutations in this gene are a cause of GRAPP type chondrodysplasia with joint dislocations, and a pseudogene of this gene is located on the long arm of chromosome 1.

Gene ID: 54928

Pathways: [Glycosaminoglycan Metabolic Process](#)

## Application Details

Application Notes: WB 1:300-5000  
IHC-P 1:200-400  
IHC-F 1:100-500

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

Handling Advice: Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months