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### Datasheet for ABIN7467385

# anti-ADI1 antibody



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|     |     |       |     |   |

| Quantity:    | 100 μL   |  |
|--------------|--|--|
| Target:      | ADI1   |  |
| Reactivity:  | Human  |  |
| Host:        | Rabbit   |  |
| Clonality:   | Polyclonal   |  |
| Conjugate:   | This ADI1 antibody is un-conjugated  |  |
| Application: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF), Immunocytochemistry (ICC) |  |

#### **Product Details**

| Immunogen:        | Recombinant protein encompassing a sequence within the center region of human ADI1. The exact sequence is proprietary. |
|-------------------|--|
| Isotype:          | IgG  |
| Cross-Reactivity: | Human, Mouse, Rat  |
| Purification:     | Purified by antigen-affinity chromatography.   |

# Target Details

| Target:   | ADI1                                       |  |
|---|--|--|
| Alternative Name:   | acireductone dioxygenase 1 (ADI1 Products) |  |
| Background: Acireductone dioxygenase 1, APL1, ARD, Fe-ARD, HMFT1638, MTCBP1, Ni-ARD, mtnD,This gene encodes an enzyme that belongs to the aci-reductone dioxygenase |  |  |

## **Target Details**

| raryet Details      |   |
|---------------------|---|
|                     | metal-binding enzymes, which are involved in methionine salvage. This enzyme may regulate mRNA processing in the nucleus, and may carry out different functions depending on its localization. A pseudogene that is located on chromosome 20 has been defined for this gene. [provided by RefSeq] |
| Molecular Weight:   | 21 kDa  |
| Gene ID:            | 55256   |
| UniProt:            | Q9BV57  |
| Pathways:           | Methionine Biosynthetic Process   |
| Application Details |   |
| Application Notes:  | WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.   |
| Comment:            | Positive Control: Rat lung , HepG2 , mouse lung   |
| Restrictions:       | For Research Use only   |
| Handling            |   |
| Format:             | Liquid  |
| Concentration:      | 1 mg/mL   |
| Buffer:             | 0.1M Tris-Glycine (pH 7), 20 % Glycerol, 0.01 % Thimerosal  |
| Preservative:       | Thimerosal (Merthiolate)  |
| Precaution of Use:  | This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.  |
| Storage:            | 4 °C,-20 °C   |
| Storage Comment:    | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid   |

multiple freeze-thaw cycles.