

Anti-ARD1 Antibody
Catalog # AP53696**Specification**

Anti-ARD1 Antibody - Product Information

Application	WB
Primary Accession	Q12972
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38479

Anti-ARD1 Antibody - Additional Information**Gene ID** 5511**Other Names**

ARD1; NIPP1; Nuclear inhibitor of protein phosphatase 1; NIPP-1; Protein phosphatase 1 regulatory inhibitor subunit 8

Target/Specificity

Recognizes endogenous levels of ARD1 protein.

Dilution

WB~~1/500 - 1/1000

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C.Stable for 12 months from date of receipt

Anti-ARD1 Antibody - Protein Information**Name** PPP1R8**Synonyms** ARD1, NIPP1**Function**

Inhibitor subunit of the major nuclear protein phosphatase-1 (PP-1). It has RNA-binding activity but does not cleave RNA and may target PP-1 to RNA-associated substrates. May also be involved in pre- mRNA splicing. Binds DNA and might act as a transcriptional repressor. Seems to be required for cell proliferation.

Cellular Location

Nucleus. Nucleus speckle. Note=Primarily, but not exclusively, nuclear

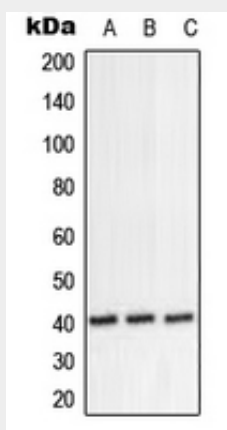
Tissue Location

Ubiquitously expressed, with highest levels in heart and skeletal muscle, followed by brain, placenta, lung, liver and pancreas. Less abundant in kidney. The concentration and ratio between isoforms is cell-type dependent. Isoform Alpha (>90%) and isoform Beta were found in brain, heart and kidney. Isoform Gamma is mainly found in B-cells and T-lymphocytes, and has been found in 293 embryonic kidney cells.

Anti-ARD1 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-ARD1 Antibody - Images

Western blot analysis of ARD1 expression in HeLa (A), SP2/0 (B), H9C2 (C) whole cell lysates.

Anti-ARD1 Antibody - Background

Rabbit polyclonal antibody to ARD1