

## ARG64174 anti-PDIA2 / PDIP antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes PDIA2 / PDIP
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	PDIA2 / PDIP
Species	Human
Immunogen	C-NLETTKKYAPVD
Conjugation	Un-conjugated
Alternate Names	PDA2; Pancreas-specific protein disulfide isomerase; PDIR; PDIP; PDI; Protein disulfide-isomerase A2; PDip; EC 5.3.4.1

### Application Instructions

Application table	Application	Dilution
	IHC-P	3 - 5 µg/ml
	WB	0.01 - 0.03 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

#### Note

For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

#### Database links

[GeneID: 64714 Human](#)

[Swiss-port # Q13087 Human](#)

#### Background

Protein disulfide isomerases (EC 5.3.4.1), such as PDIP, are endoplasmic reticulum (ER) resident proteins that catalyze protein folding and thiol-disulfide interchange reactions (Desilva et al., 1996 [PubMed 8561901]).[supplied by OMIM, Mar 2008]

#### Research Area

Cancer antibody; Controls and Markers antibody; Metabolism antibody

#### Calculated Mw

58 kDa

#### PTM

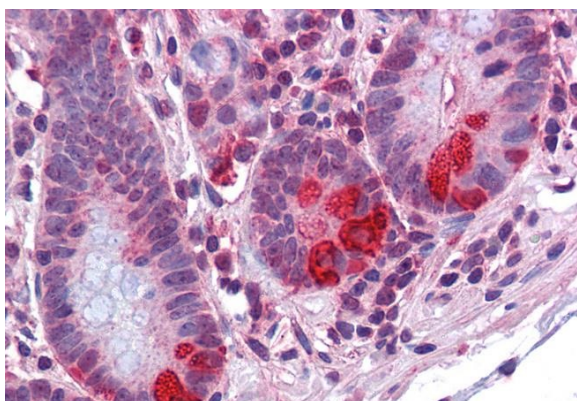
The disulfide-linked homodimer exhibits an enhanced chaperone activity.  
Glycosylated.

## Images



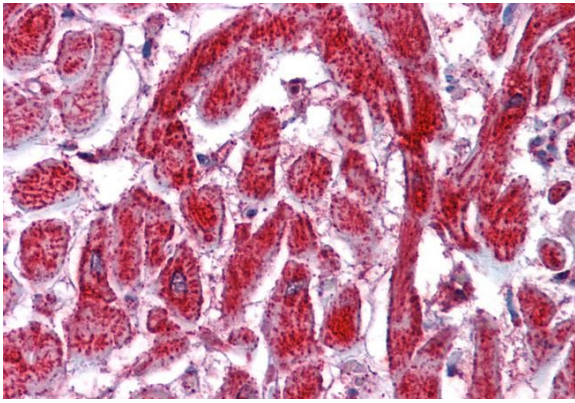
ARG64174 anti-PDIA2 / PDIP antibody WB image

Western Blot: Human Pancreas lysate (35 µg protein in RIPA buffer) stained with ARG64174 anti-PDIA2 / PDIP antibody at 0.03 µg/ml dilution.



ARG64174 anti-PDIA2 / PDIP antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human small intestine tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64174 anti-PDIP antibody at 3.75 µg/ml dilution followed by AP-staining.



#### ARG64174 anti-PDIA2 / PDIP antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human heart tissue.  
Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64174 anti-PDIA2 / PDIP antibody at 3.75 µg/ml dilution followed by AP-staining.