

## Product datasheet for **TA370344S**

### PDIR (PDIA5) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1000-5000 WB positive control: Human placenta tissue lysate IHC: 30-150 Positive control: Human tonsil Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human PDIA5
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	60 kDa
Gene Name:	protein disulfide isomerase family A member 5
Database Link:	<a href="#">Entrez Gene 10954 Human Q14554</a>

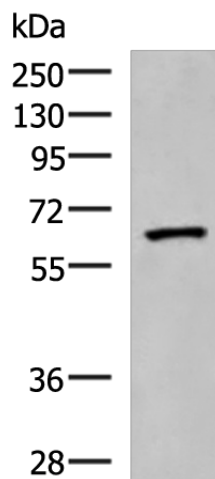
**Background:** This gene encodes a member of the disulfide isomerase (PDI) family of endoplasmic reticulum (ER) proteins that catalyze protein folding and thiol-disulfide interchange reactions. The encoded protein has an N-terminal ER-signal sequence, three catalytically active thioredoxin (TRX) domains, a TRX-like domain, and a C-terminal ER-retention sequence. The N-terminal TRX-like domain is the primary binding site for the major ER chaperone calreticulin and possibly other proteins and substrates as well. Alternative splicing results in multiple protein- and non-protein-coding transcript variants.



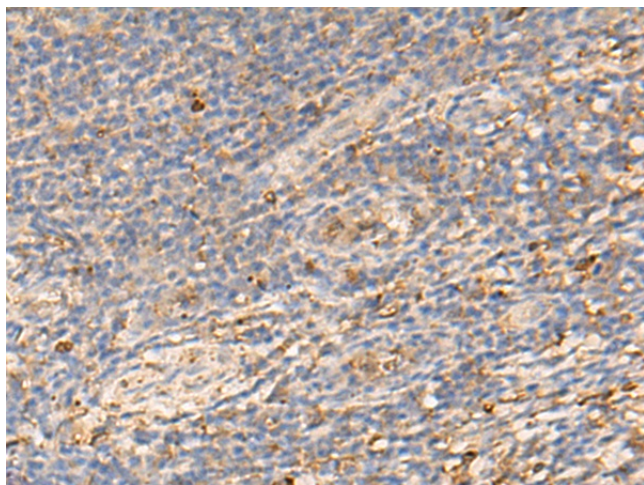
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Synonyms: FLJ30401; PDIR

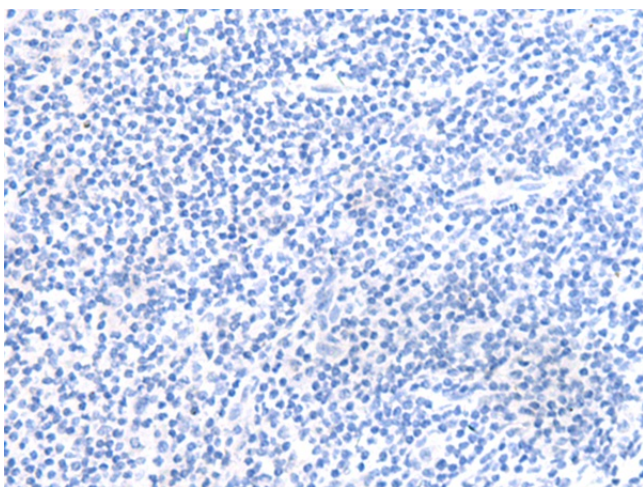
### Product images:



Gel: 6%SDS-PAGE  
Lysate: 40  $\mu$ g  
Lane: Human placenta tissue lysate  
Primary antibody: [TA370344] (PDIA5 Antibody) at dilution 1/1000  
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution  
Exposure time: 1 minute



Immunohistochemistry of paraffin-embedded Human tonsil tissue using [TA370344] (PDIA5 Antibody) at dilution 1/50 (Original magnification:  $\times$ 200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using [TA370344] (PDIA5 Antibody) at dilution 1/50, treated with fusion protein. (Original magnification: ×200)