

## PDIA5 RABBIT PAB

**Cat.#:** S218852

**Product Name:** Anti-PDIA5 Rabbit Polyclonal Antibody

**Synonyms:** PDIR

**UNIPROT ID:** Q14554 (Gene Accession - BC001625 )

**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.

**Immunogen:** Fusion protein of human PDIA5

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 30-150;WB: 1000-5000;ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

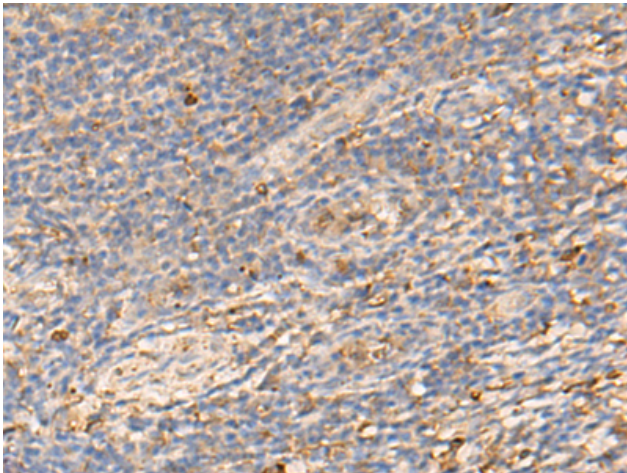
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse, Rat

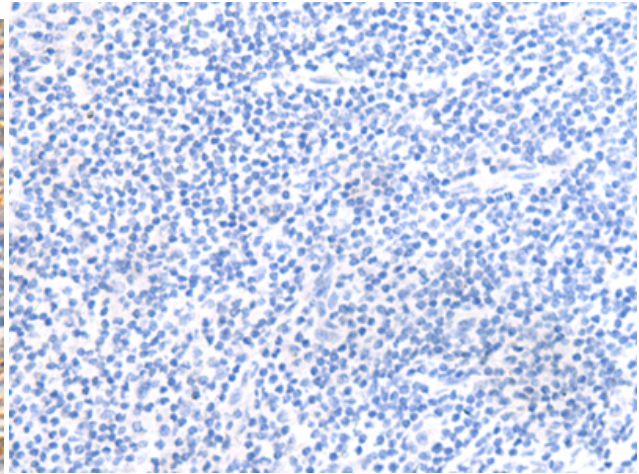
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Cell Biology

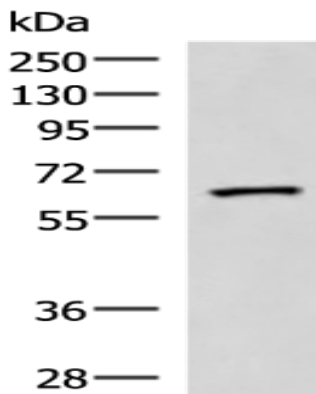
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human tonsil tissue using 218852(PDIA5 Antibody) at a dilution of 1/50(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with the fusion protein and then with 218852(Anti-PDIA5 Antibody) at dilution 1/50.



Gel: 6%SDS-PAGE, Lysate: 40  $\mu$ g;  
Lane: Human placenta tissue lysate;  
Primary antibody: 218852(PDIA5 Antibody) at dilution 1/1000;  
Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;  
Exposure time: 1 minute