

## PDIA5 Polyclonal Antibody

<b>Catalog No.</b>	A14389	<b>Category</b>	Polyclonal Antibodies
<b>Applications</b>	WB	<b>Observed MW</b>	59kDa
<b>Cross-reactivity</b>	Mouse, Rat	<b>Calculated MW</b>	30kDa/59kDa

### Immunogen Information

<b>Immunogen</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 22-140 of human PDIA5 (NP_006801.1).
<b>Gene ID</b>	10954
<b>Swiss prot</b>	Q14554
<b>Synonyms</b>	PDIA5; PDIR; protein disulfide-isomerase A5

### Product information

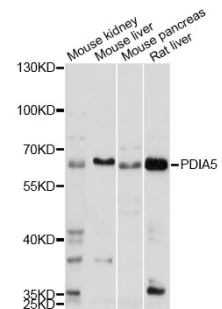
<b>Source</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification method</b>	Affinity purification
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

### 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.

### Recommended Dilutions

WB 1:500 -  
1:2000



Western blot - PDIA5 Polyclonal Antibody (A14389)