

# PDIA6 Rabbit Polyclonal Antibody



CAB7055

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

48kDa

### Calculated MW:

47kDa/48kDa/53kDa

### Applications:

WB IHC IF

### Reactivity:

Human, Mouse, Rat

## Protein 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, two catalytically active thioredoxin (TRX) domains, a TRX-like domain, and a C-terminal ER-retention sequence. This protein inhibits the aggregation of misfolded proteins and exhibits both isomerase and chaperone activity. Alternative splicing results in multiple transcript variants encoding different isoforms.

## Immunogen information

### Gene ID:

10130

### Uniprot

Q15084

### Synonyms:

PDIA6; ERP5; P5; TXNDC7

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50  
- 1:200 IF 1:50 - 1:100

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

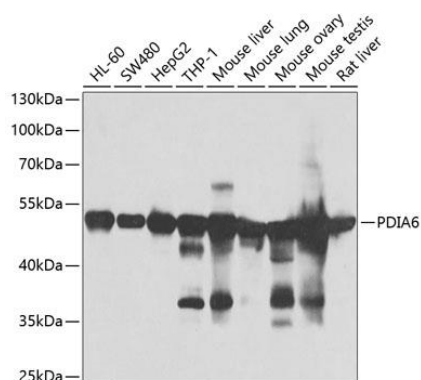
### Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 20-300 of human PDIA6 (NP\_005733.1).

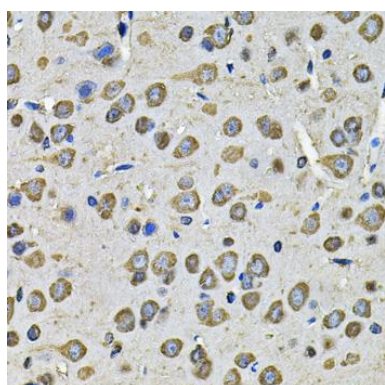
### Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

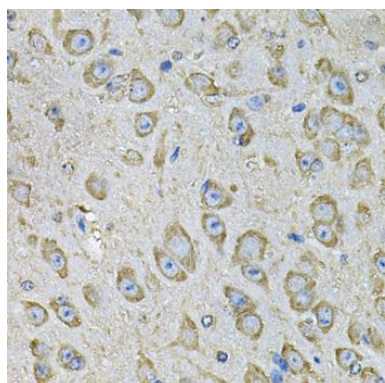
## Product Images



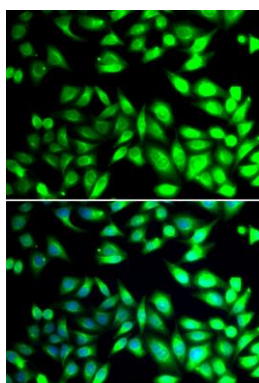
Western blot analysis of extracts of various cell lines, using PDIA6 antibody (CAB7055) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 60s.



Immunohistochemistry of paraffin-embedded rat brain using PDIA6 Antibody (CAB7055) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse brain using PDIA6 Antibody (CAB7055) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of U2OS cells using PDIA6 antibody (CAB7055). Blue: DAPI for nuclear staining.