

A3954

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## Peroxiredoxin 5 (PRDX5) Rabbit mAb

Catalog No.: A3954

Recombinant

1 Publications

### Basic Information

#### Observed MW

17kDa

#### Calculated MW

22kDa

#### Category

SMab Recombinant Monoclonal Antibody

#### Applications

WB, ELISA

#### Cross-Reactivity

Human, Mouse, Rat

#### CloneNo number

ARC0873

### Background

This gene encodes a member of the peroxiredoxin family of antioxidant enzymes, which reduce hydrogen peroxide and alkyl hydroperoxides. The encoded protein interacts with peroxisome receptor 1 and plays an antioxidant protective role in different tissues under normal conditions and during inflammatory processes. The use of alternate transcription start sites is thought to result in transcript variants that use different in-frame translational start codons to generate isoforms that are targeted to the mitochondrion (isoform L) or peroxisome/cytoplasm (isoform S). Multiple related pseudogenes have been defined for this gene.

### Recommended Dilutions

WB 1:500 - 1:2000

### Immunogen Information

#### Gene ID

25824

#### Swiss Prot

P30044

#### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 100-200 of human Peroxiredoxin 5 (PRDX5) (P30044).

#### Synonyms

PLP; ACR1; B166; PRXV; PMP20; PRDX6; prx-V; SBBI10; AOEB166; HEL-S-55; Peroxiredoxin 5 (PRDX5)

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

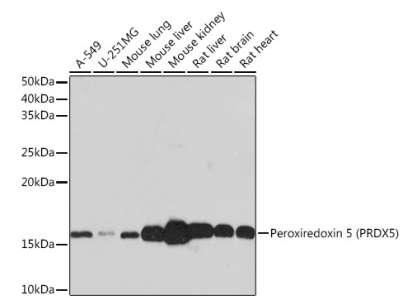
Affinity purification

#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH 7.3.

# Validation Data



Western blot analysis of extracts of various cell lines, using Peroxiredoxin 5 (PRDX5) (PRDX5) Rabbit mAb (A3954) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10148 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 30s.