

**Peroxiredoxin 5 (PRDX5) Rabbit mAb[BWF4]**

Cat NO. :A16311

**Information:**

Applications	Reactivity:	UniProt ID:	MW(kDa)	Host	Isotype	Size
WB	H,M,R	P30044	17kDa	Rabbit	IgG	50ul 100ul,200ul

**Applications detail:**

Application	Dilution
WB	1:1000-2000
The optimal dilutions should be determined by the end user	

**Conjugate:**

UnConjugate

**Form:**

Liquid

**sensitivity:**

Endogenous

**Purification:**

Protein A purification

**Specificity:**

Antibody is produced by immunizing animals with a synthetic peptide of human Peroxiredoxin 5 (PRDX5).

**Storage buffer and conditions:**

Antibody store in 10 mM PBS, 0.5mg/ml BSA, 50% glycerol (buffer) .

Shipped at 4°C. Store at -20°C or -80°C.

Products are valid for one natural year of receipt. Avoid repeated freeze / thaw cycles.

**Tissue specificity:**

Widely expressed..

**Subcellular location:**

[Isoform Mitochondrial]: Mitochondrion., [Isoform Cytoplasmic+peroxisomal]: Cytoplasm. Peroxisome matrix.

**Function:**

Thiol-specific peroxidase that catalyzes the reduction of hydrogen peroxide and organic hydroperoxides to water and alcohols, respectively. Plays a role in cell protection against oxidative stress by detoxifying peroxides and as sensor of hydrogen peroxide-mediated signaling events..

**Introduction:** **WB:** Western Blot **IP:** Immunoprecipitation **IHC:** Immunohistochemistry **ChIP:** Chromatin Immunoprecipitation **ICC/IF:** Immunocytochemistry/Immunofluorescence **F:** Flow Cytometry

**Cross Reactivity:** **H:** human **M:** mouse **R:** rat **Hm:** hamster **Mk:** monkey **Vir:** virus **Ml:** mink **C:** chicken **Dm** D. melanogaster **X:** Xenopus **Z:** zebrafish **B:** bovine **Dg:** dog **Pg:** pig **Hr:** horse

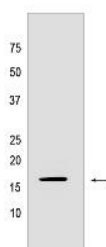
**For Research Use Only. Not For Use In Diagnostic Procedures.**

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## Validation Data:

### Peroxiredoxin 5 (PRDX5) Rabbit mAb[BWF4] Images

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Western blot ( SDS PAGE ) analysis of extracts from  
Mouse kidney tissue lysate. Using Peroxiredoxin 5  
(PRDX5) Rabbit mAb IgG [BWF4] at dilution of 1:1000

View more information on <http://naturebios.com>

**IMPORTANT:** For western blots, incubate membrane with diluted primary antibody in 1% w/v Milk, 1X TBST at 4°C overnight.