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Datasheet for ABIN6741267

## anti-Peroxiredoxin 5 antibody (C-Term)

### 1 Image

#### Overview

Quantity:	100 µL
Target:	Peroxiredoxin 5 (PRDX5)
Binding Specificity:	C-Term
Reactivity:	Human, Goat, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Peroxiredoxin 5 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	Synthetic peptide from C-Terminus of human PRDX5 (B7ZVW3, NP_857635). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Baboon, Monkey, Marmoset (100%), Galago, Mouse, Rat, Hamster, Horse, Pig (92%), Panda, Dog (85%).  Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Human PRDX5 / Peroxiredoxin 5
Predicted Reactivity:	Percent identity by BLAST analysis: Human (100%) Mouse, Rat, Horse, Pig (92%).
Purification:	Immunoaffinity purified

## Target Details

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Target:	Peroxiredoxin 5 (PRDX5)
Alternative Name:	PRDX5 / Peroxiredoxin 5 ( <a href="#">PRDX5 Products</a> )
Background:	Name/Gene ID: PRDX5  Synonyms: PRDX5, Alu corepressor 1, ACR1, B166, Liver tissue 2D-page spot 71B, Peroxiredoxin V, PMP20, Prx-V, PRXV, Alu co-repressor 1, SBBI10, Thioredoxin peroxidase PMP20, Peroxiredoxin 5, AOEB166, Peroxiredoxin-5, mitochondrial, Peroxisomal antioxidant enzyme, PLP, Thioredoxin reductase, TPx type VI
Gene ID:	25824
NCBI Accession:	<a href="#">NP_857635</a>
Pathways:	<a href="#">Cell RedoxHomeostasis</a>

## Application Details

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Application Notes:	Approved: WB (0.2 - 1 µg/mL)  Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as second antibody. ELISA titer in peptide based assay: 1:12500.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

## Handling

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Format:	Lyophilized
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C, -20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year)

## Handling

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Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

## Images

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**Image 1.**