

KD-Validated Anti-Peroxiredoxin 5 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody
Catalog # AGI1645

Product Information

Application	WB, FC
Primary Accession	P30044
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	24GB1025
Calculated MW	22086
Gene Name	PRDX5
Aliases	Peroxiredoxin 5; AOEB166; ACR1; PLP; Peroxisomal Antioxidant Enzyme; Liver Tissue 2D-Page Spot 71B; Thioredoxin Peroxidase PMP20; Antioxidant Enzyme B166; TPx Type VI; SBBI10; PMP20; PRDX6; PRXV; B166; Thioredoxin-Dependent Peroxiredoxin 5; Peroxiredoxin-5, Mitochondrial; Alu Co-Repressor 1; Peroxiredoxin V; MGC142285; MGC117264; MGC142283; Prx-V; Epididymis Secretory Protein Li 55; Thioredoxin Reductase; Alu Corepressor 1; EC 1.11.1.24; EC 1.11.1.15; HEL-S-55
Immunogen	A synthesized peptide derived from human Peroxiredoxin 5

Additional Information

Gene ID	25824
Other Names	Peroxiredoxin-5, mitochondrial, 1.11.1.24, Alu corepressor 1, Antioxidant enzyme B166, AOEB166, Liver tissue 2D-page spot 71B, PLP, Peroxiredoxin V, Prx-V, Peroxisomal antioxidant enzyme, TPx type VI, Thioredoxin peroxidase PMP20, Thioredoxin-dependent peroxiredoxin 5, PRDX5 (HGNC:9355), ACR1

Protein Information

Name	PRDX5 (HGNC:9355)
Synonyms	ACR1
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.
Cellular Location	[Isoform Mitochondrial]: Mitochondrion
Tissue Location	Widely expressed..

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