

Datasheet: VPA00056

Description:	GOAT ANTI PEROXIREDOXIN 1 ANTIBODY
Specificity:	PEROXIREDOXIN 1
Format:	Purified
Product Type:	PrecisionAb™ Polyclonal
Isotype:	Polyclonal IgG
Quantity:	100 µl

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	■			1/1000

PrecisionAb antibodies have been extensively [validated for the western blot application](#). The antibody has been validated at the suggested dilution. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependant on sample type.

Target Species	Human
Species Cross Reactivity	Reacts with: Mouse, Rat N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Purified IgG - liquid
Preparation	Goat polyclonal antibody purified by affinity chromatography
Buffer Solution	TRIS buffered saline
Preservative	0.02% Sodium Azide (NaN ₃)
Stabilisers	0.5% Bovine Serum Albumin
Immunogen	Peptide with sequence C-SDPKRTIAQDYG from the internal region of the protein sequence.
External Database Links	UniProt: Q06830 Related reagents Entrez Gene: 5052 PRDX1 Related reagents
Synonyms	PAGA, PAGB, TDPX2

Specificity **Goat anti Human peroxiredoxin 1 antibody** recognizes PRDX1 a 22 kDa protein and a member of the peroxiredoxin family of antioxidant enzymes. Members of the family are divided into the 1-Cys and 2-Cys groups based on the number of conserved residues used in the redox reaction. Peroxiredoxins reduce hydrogen peroxides and alkyl hydroperoxides and thus exert an anti-oxidant effect.

Goat anti Human peroxiredoxin 1 antibody detects peroxiredoxin 1 as a single band of 22 kDa in a wide range of human cell line lysates tested. Cross reactivity with rodent cell lines is also observed.

Western Blotting Goat anti peroxiredoxin 1 detects a band of approximately 22 kDa in K562 cell lysates.

Instructions For Use Please refer to the [PrecisionAb western blotting protocol](#). For additional information on secondary antibody dilution and exposure time see product web page.

Storage Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

Shelf Life As supplied, 12 months from date of despatch.

Acknowledgements PrecisionAb™ is a trademark of Bio-Rad Laboratories.

Health And Safety Information Material Safety Datasheet documentation #10058 available at:
Antibody (10058): <https://www.bio-rad-antibodies.com/uploads/MSDS/10058.pdf>

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Donkey Anti Sheep IgG (STAR88...) [HRP](#)

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