

Datasheet: VPA00707

Description:	RABBIT ANTI PEROXIREDOXIN 6
Specificity:	PEROXIREDOXIN 6
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
Product Form	Purified IgG - liquid
Preparation	Rabbit polyclonal antibody purified by affinity chromatography on Protein A
Buffer Solution	HEPES buffered saline
Preservative Stabilisers	0.09% Sodium Azide 1% Bovine Serum Albumin <50% Glycerol
Immunogen	<i>E. coli</i> -derived recombinant human peroxiredoxin 6
External Database Links	UniProt: P30041 Related reagents Entrez Gene: 9588 PRDX6 Related reagents
Synonyms	AOP2, KIAA0106
Specificity	Rabbit anti Human peroxiredoxin 6 antibody recognizes peroxiredoxin-6, also known as 1-Cys PRX, 1-Cys peroxiredoxin, acidic calcium-independent phospholipase A2, PRDX6, or non-selenium

glutathione peroxidase.

The protein encoded by PRDX6 gene is a member of the thiol-specific antioxidant protein family. This protein is a bifunctional enzyme with two distinct active sites. It is involved in redox regulation of the cell; it can reduce H₂O₂ and short chain organic, fatty acid, and phospholipid hydroperoxides. It may play a role in the regulation of phospholipid turnover as well as in protection against oxidative injury (provided by RefSeq, Jul 2008).

Rabbit anti Human peroxiredoxin 6 antibody detects a band of 25 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting	Rabbit anti peroxiredoxin 6 detects a band of approximately 25 kDa in HeLa 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 #20359 available at: Antibody (20359): https://www.bio-rad-antibodies.com/uploads/MSDS/20359.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

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Printed on 02 May 2018