

Datasheet: VPA00707

BATCH NUMBER 161202

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

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range. 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 dependent 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
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml
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.

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

Guarantee 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:
<https://www.bio-rad-antibodies.com/SDS/VPA00707>
Antibody (20359)

Regulatory For research purposes only.

Related Products

Recommended Secondary Antibodies

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

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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