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Datasheet for ABIN1782180

anti-Peroxiredoxin 6 antibody (AA 170-180)

1 Image

Overview

Quantity:	100 µg
Target:	Peroxiredoxin 6 (PRDX6)
Binding Specificity:	AA 170-180
Reactivity:	Human, Pig
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Peroxiredoxin 6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	peroxiredoxin 6 (aa170-180)
Sequence:	TAEKRVATPV D
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human, Pig
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	Peroxiredoxin 6 (PRDX6)
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Target Details

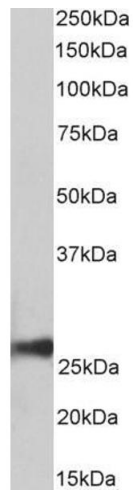
Alternative Name:	PRDX6 (PRDX6 Products)
Background:	PRDX6, peroxiredoxin 6, 1-Cys, AOP2, NSGPx, PRX, aiPLA2, p29, 1-Cys PRX, 1-Cys peroxiredoxin, 24 kDa protein, acidic calcium-independent phospholipase A2, antioxidant protein 2, liver 2D page spot 40, non-selenium glutathione peroxidase, peroxiredoxin-6,
Molecular Weight:	Expected molecular weight 26 kDa
Gene ID:	9588
NCBI Accession:	NP_004896

Application Details

Application Notes:	Western Blot: Approx 26 kDa band observed in Human and Pig Heart, Kidney and Liver lysates (calculated MW of 25.0 kDa according to NP_004896.1). Recommended concentration: 0.3-1 μ g/mL. Peptide ELISA: antibody detection limit dilution 1:128000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN1782180 (0.1 μ g/ml) staining of Pig Liver lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.