

Goat anti-peroxiredoxin 6 Antibody

Item Number	dAP-3058
Target Molecule	Principle Name: peroxiredoxin 6; Official Symbol: PRDX6; All Names and Symbols: 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; ; Accession Number (s): NP_004896.1; Human Gene ID(s): 9588; Non-Human GeneID(s):
Immunogen	EANTTVGRIRFHD, is from internal region (near N terminus)
Applications	Pep ELISA, WB Species Tested: Human, Mouse
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Approx 26kDa band observed in Human Heart and in Human and Mouse Liver lysates (calculated MW of 25.0kDa according to NP_004896.1). Recommended concentration: 0.1-0.3µg/ml.
IHC	
Reference	Reference(s): Choi H, Chang JW, Jung YK. Peroxiredoxin 6 interferes with TRAIL-induced death-inducing signaling complex formation by binding to death effector domain caspase. Cell death and differentiation 2011 Mar 18 (3): 405-14..PMID: 20829884->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**