



## Goat anti-GPX7 Antibody

<b>Item Number</b>	dAP-0892
<b>Target Molecule</b>	Principle Name: GPX7; Official Symbol: GPX7; All Names and Symbols: GPX7; glutathione peroxidase 7 [Homo sapiens] ; HGNC:4559; CL683; FLJ14777; GPX6; NPGPx; non-selenocysteine containing phospholipid hydroperoxide glutathione peroxidase; Accession Number (s): NP_056511.2; Human Gene ID(s): 2882; Non-Human GeneID(s): 67305 (mouse) 298376 (rat)
<b>Immunogen</b>	CNQFGQQEPDSNK, is from internal region
<b>Applications</b>	Pep ELISA, WB, EIA Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 32000.
<b>Western Blot</b>	Western Blot: Approx 20kDa band observed in Human Prostate lysates (calculated MW of 21.0kDa according to NP_056511.2). Recommended concentration: 0.3-1µg/ml. An additional band of unknown identity was also consistently observed at 40kDa. This band was
<b>IHC</b>	
<b>Reference</b>	Reference(s): Utomo A, Jiang X, Furuta S, Yun J, Levin DS, Wang YC, Desai KV, Green JE, Chen PL, Lee WH. Identification of a novel putative non-selenocysteine containing phospholipid hydroperoxide glutathione peroxidase (NPGPx) essential for alleviating oxidative stress generated from polyunsaturated fatty

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 ender users! This product is sold for **Research Use Only**