ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Goat anti-Glutathione Peroxidase 1 (isoform1) Antibody

Item Number	dAP-0869
Target Molecule	Principle Name: Glutathione Peroxidase 1 (isoform1); Official Symbol: GPX1; All Names and Symbols: glutathione peroxidase 1 ; HGNC:4553; GPX1; GSHPX1; MGC14399; MGC88245; Accession Number (s): NP_000572.2; Human Gene ID(s): 2876; Non-Human GeneID(s):
Immunogen	REALPAPSDDATA, is from internal region This antibody is expected to recognise isoform 1 (NP_000572.2) only.
Applications	Pep ELISA, WB, IHC Species Tested: Human, Pig
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; Reconsititute 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 32000.
Western Blot	Western Blot: Approx 22kDa band observed in Human Liver lysates (calculated MW of 22.1kDa according to NP_000572.2). Recommended concentration: 1-3µg/ml.
IHC	Immunohistochemistry: In paraffin embedded Human Cerebral Cortex shows staining of microglia. Recommended concentration: 3-5µg/ml. Paraffin embedded Human Liver. Recommended concentration: 3.75µg/ml.
Reference	Reference(s): Kato S, Kato M, Abe Y, Matsumura T, Nishino T, Aoki M, Itoyama Y, Asayama K, Awaya A, Hirano A, Ohama E. Redox system expression in the motor neurons in amyotrophic lateral sclerosis (ALS): immunohistochemical studies on sporadic ALS, superoxide dismutase 1 (SOD1)-mutated familial ALS, and

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

Angio-Proteomie | 11 Park Drive, Suite 12 Boston, MA 02215, USA | Tel: 001-617-549-2665 | Fax: 001-480-247-4337 | Email: angioproteomie@gmail.com