



Glutathione Peroxidase 2 Antibody (NBP1-18665)

Glutathione Peroxidase 2 Antibody Summary:

Species: Hu, Mu, Rt **Gene:** 2877

Applications: IHC- P, WB **Purity:** Whole antisera

Clonality: Polyclonal **Host:** Rabbit

Specificity: Reacts specifically with human 22 kDa GPx-2 protein

**Note not all species have been tested for reactivity. Only those species listed have been tested. We cannot make any guarantees about additional reactivities or cross reactivities beyond those that have been tested. This antibody may or may not react with other species.*

Glutathione Peroxidase 2 Antibody Details:

Immunogen: Synthetic peptide derived from Cter domain of GPx-2 protein

Species Reactivity:

Human, Mouse and Rat.

Applications:

Uses: Immunohistochemistry-Paraffin and Western Blot

Dilutions: Immunohistochemistry-Paraffin 1:100 to 1:1000, Western Blot 1:250 to 1:5000

Unit Size: 0.2 ml

Concentration: This product is unpurified. Concentration is not relevant.

Packaging:

Storage: Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Buffer: Lyophilized Whole Rabbit antisera. Reconstitute in 200 ul of distilled water.

Preservative: No Preservative

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Products are guaranteed for 6 months from date of receipt,

Limitations: except for peptides and proteins which are guaranteed for 3 months.

Gene Symbol: GPX2

[14776](#) (Mouse)

[29326](#) (Rat)

[GPX3](#), [GPX1](#), [NFE2L2](#), [GPX4](#), [NQO1](#), [SOD1](#), [CYP1A1](#), [SEP15](#), [CAT](#), [CYP1A2](#), [GABPA](#),

[PLAT](#), [PTGS2](#), [SEPP1](#), [KEAP1](#), [HMOX1](#), [IL6](#), [GHSR](#), [SELP](#), [HPGDS](#), [GSR](#), [GNAI1](#),

[PRDX5](#), [F13A1](#), [CRAT](#), [TRP53](#), [GSTA5](#), [TXNRD1](#), [TP53](#),

Related

Genes: [GLYAT](#), [ITGAM](#), [PRDX6](#), [MIP](#), [TRPV6](#), [VIL1](#), [CD55](#), [NR1I2](#), [SILV](#), [RETNLB](#), [TSPAN8](#)

Background:

Glutathione peroxidase 2 could play a major role in protecting mammals from the toxicity of ingested organic hydroperoxides. Tert butyl hydroperoxide, cumene hydroperoxide and linoleic acid hydroperoxide, but not phosphatidylcholine hydroperoxide, can act as acceptors.