



# Anti-NO-Glutathione polyclonal antibody (DPAB4018)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Rat Anti-NO-Glutathione Polyclonal Antibody
<b>Specificity</b>	Antiserum previously preabsorbed on protein carriers and purified by ammonium sulfate precipitation. This antibody targets conjugated NO-Glutathione. This antibody does not recognize free NO-Glutathione. Using a conjugate NO-Glutathione-Glutaraldehyde-BSA, antibody specificity was performed with an ELISA test by competition experiments with the following compounds:
<b>Immunogen</b>	Synthetic NO-Glutathione conjugated to bovine serum albumin
<b>Source/Host</b>	Rat
<b>Species Reactivity</b>	N/A
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA, ICC, IHC, WB
<b>Format</b>	Lyophilized and reconstituted with deionized water / 50% glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store the antibody at 4°C for one month or -20°C in undiluted aliquots for up to one year. Avoid repeated freezing and thawing. Gently spin down material before use; 5-10 seconds in a microfuge should be adequate.

## BACKGROUND

<b>Introduction</b>	Glutathione (GSH) is a tripeptide that contains an unusual peptide linkage between the amine
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group of cysteine (which is attached by normal peptide linkage to a glycine) and the carboxyl group of the glutamate side-chain. It is an antioxidant, preventing damage to important cellular components caused by reactive oxygen species such as free radicals and peroxides

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**Keywords**

Glutathionesh; glutatiol; glutathione; glutide; glutinal; isethion; l-glutatione; N(N-L-.gamma.-Glutamyl-L-cysteinyl)glycine; n-(n-l-gamma-glutamyl-l-cysteinyl)-glycin; Neuthion; panaron; tathion; tathione; triptide; L-GLUTATHIONE REDUCED; L-GLUTATHIONE (REDUCED FORM); H-GAMMA-GLU-CYS-GLY-OH; GLUTAMYL-CYSTEINYLGLYCINE, REDUCED; GLUTATHIONE; GLUTATHIONE, REDUCED; GLUTATHIONE REDUCED FORM; GLUTATHION (REDUCED); GAMMA-GLU-CYS-GLY; GAMMA-L-GLUTAMYL-L-CYSTEINYLGLYCINE; GAMMA-L-GLUTAMYL-L-CYSTEINYL-GLYCINE; GAMMA-L-GLUTAMYL-CYSTEINYL GLYCINE; GLU(CYS-GLY); G-L-GLUTAMYL-L-CYSTEINGLYCINE; G-L-GLUTAMYL-L-CYSTEINYLGLYCINE; 5-L-Glutamyl-L-cysteinylglycine; γ-L-Glutamyl-L-cysteinyl-glycine; gamma-L-Glutamyl-L-cysteinylglycine~GSH; Glutathione reduced (GSH); Glutathione, Reduced, Free Acid; GLUTATHIONE FREE ACID REDUCED FORM\*CELL CULTURE TES; L-Gluthathione

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