ARG63800
anti-GPX2 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes GPX2
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow, Dog, Pig
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	GPX2
Species	Human
Immunogen	C-SLDGEKVDFN
Conjugation	Un-conjugated
Alternate Names	GI-GPx; GPRP; Glutathione peroxidase 2; GPx-2; EC 1.11.1.9; GPx-GI; GSHPX-GI; GSHPx-2; GSHPx-GI; Glutathione peroxidase-gastrointestinal; GPRP-2; Gastrointestinal glutathione peroxidase; Glutathione peroxidase-related protein 2

Application Instructions

Application table

Application	Dilution
WB	0.5 - 2 µg/ml

Application Note

WB: Recommend incubate at RT for 1h.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

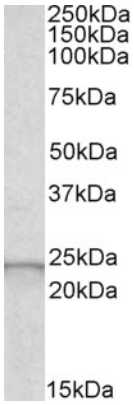
Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 2877 Human Swiss-port # P18283 Human
Background	This gene is a member of the glutathione peroxidase family and encodes a selenium-dependent glutathione peroxidase that is one of two isoenzymes responsible for the majority of the glutathione-dependent hydrogen peroxide-reducing activity in the epithelium of the gastrointestinal tract. The protein encoded by this locus contains a selenocysteine (Sec) residue encoded by the UGA codon, which normally signals translation termination. Alternatively spliced transcript variants have been described. [provided by RefSeq, Feb 2012]
Research Area	Cell Biology and Cellular Response antibody; Metabolism antibody
Calculated Mw	22 kDa

Images



ARG63800 anti-GPX2 antibody WB image

Western blot: 30 µg of Human liver lysate (in RIPA buffer) stained with ARG63800 anti-GPX2 antibody at 0.5 µg/ml dilution and incubated at RT for 1 hour.