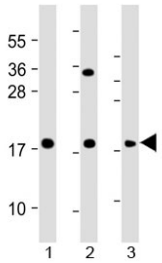
GPX7 Antibody (F54173)

Catalog No.	Formulation	Size
F54173-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F54173-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Bovine
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q96SL4
Applications	WB: 1:1000-1:2000
Limitations	This GPX7 antibody is available for research use only.



Western blot testing of human 1) HeLa, 2) THP1 and 3) RPMI 8226 cell lysate with GPX7 antibody at 1:2000. Predicted molecular weight ~20 kDa.

Description

Glutathione peroxidase 7 protects esophageal epithelia from hydrogen peroxide- induced oxidative stress. It suppresses acidic bile acid-induced reactive oxigen species (ROS) and protects against oxidative DNA damage and double-strand breaks.

Application Notes

The stated application concentrations are suggested starting points. Titration of the GPX7 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 73-107 from human Glutathione peroxidase 7 was used as the immunogen for the GPX7 antibody.

Storage

Aliquot the GPX7 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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