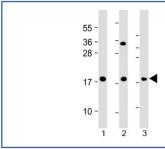


GPX7 Antibody (F54173)

| 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 |
| Clonality | Polyclonal (rabbit origin) |
| Isotype | Rabbit Ig |
| Purity | Antigen affinity |
| UniProt | Q96SL4 |
| Applications | Western Blot : 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.