

ARG41396 anti-GPX7 antibody

Package: 50 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes GPX7
Tested Reactivity	Rat
Predict Reactivity	Hu, Ms, Cow, Dog, Gpig, Hrs, Pig, Rb
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	GPX7
Species	Rat
Immunogen	Synthetic peptide around the C-terminal region of Rat GPX7. (within the following region: RTYSVSFPMFSKIAVTGTGAHPAFKYLQTSGKEPTWNFWKYLVPDGKV)
Conjugation	Un-conjugated
Alternate Names	GPx-7; GPX6; CL683; EC 1.11.1.9; GSHPx-7; Glutathione peroxidase 7; NPGPx

Application Instructions

Predict Reactivity Note	Predicted Homology Based On Immunogen Sequence: Cow: 100%; Dog: 93%; Guinea pig: 86%; Horse: 93%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 93%				
Application table	<table><thead><tr><th>Application</th><th>Dilution</th></tr></thead><tbody><tr><td>WB</td><td>1 µg/ml</td></tr></tbody></table>	Application	Dilution	WB	1 µg/ml
Application	Dilution				
WB	1 µg/ml				
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.				
Observed Size	~ 21 kDa				

Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS, 0.09% (w/v) Sodium azide and 2% Sucrose.
Preservative	0.09% (w/v) Sodium azide
Stabilizer	2% Sucrose
Concentration	Batch dependent: 0.5 - 1 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.

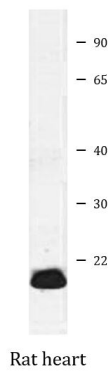
Note

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

Bioinformation

Gene Symbol	GPX7
Gene Full Name	glutathione peroxidase 7
Function	It protects esophageal epithelia from hydrogen peroxide-induced oxidative stress. It suppresses acidic bile acid-induced reactive oxygen species (ROS) and protects against oxidative DNA damage and double-strand breaks. [UniProt]
Calculated Mw	21 kDa
Cellular Localization	Secreted. [UniProt]

Images



ARG41396 anti-GPX7 antibody WB image

Western blot: Rat heart lysate stained with ARG41396 anti-GPX7 antibody at 1 µg/ml dilution.