

Anti-PRDX3 antibody (157-256) [S9MR] (STJ11101819)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse

PRODUCT PROPERTIES

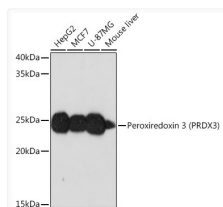
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 28kDa Observed Mw: 25kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

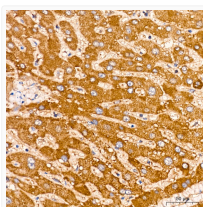
Gene ID	10935
Gene Symbol	PRDX3
UniProt ID	PRDX3_HUMAN
Immunogen Region	157-256
Immunogen Sequence	NIALLSDLTKQISR DYGVLL EGSG LALRGLFIIDPNGVIK HLSVNDLPVGRSVEETLRLV KAFQYVETHGEVCPANWTPD SPTIKPSPAASKEYFQKVNQ
Specificity	A synthetic peptide corresponding to a sequence within amino acids 157-256 of human Peroxiredoxin 3 (PRDX3) (PRDX3) (P30048).

ADDITIONAL INFORMATION

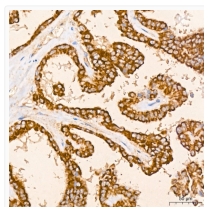
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



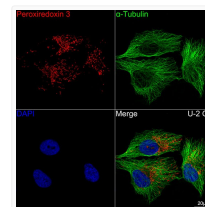
Western blot analysis of extracts of various cell lines, using Peroxiredoxin 3 (PRDX3) (PRDX3) rabbit monoclonal antibody (STJ11101819) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJ5000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



Immunohistochemistry analysis of Peroxiredoxin 3 (PRDX3) in paraffin-embedded human liver tissue using Peroxiredoxin 3 (PRDX3) rabbit monoclonal antibody (STJ11101819) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of Peroxiredoxin 3 (PRDX3) in paraffin-embedded human thyroid cancer tissue using Peroxiredoxin 3 (PRDX3) rabbit monoclonal antibody (STJ11101819) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



Confocal imaging of U-2 OS cells using Peroxiredoxin 3 (PRDX3) rabbit monoclonal antibody (STJ11101819, at dilution of 1:100) (Red). The cells were counterstained with Alpha-Tubulin mouse monoclonal antibody (dilution 1:400) (Green). DAPI was used for nuclear staining (blue). Objective: 100x.