

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

**GENERAL INFORMATION**

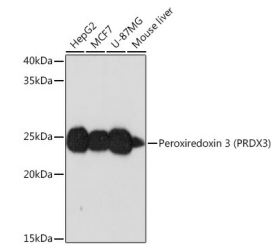
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	
<b>Applications</b>	WB/IHC-P/IF/ICC/ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human/Mouse

**PRODUCT PROPERTIES**

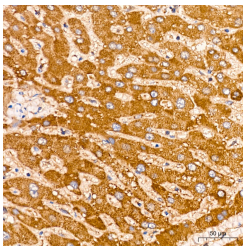
<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	S9MR
<b>Concentration</b>	Lot specific
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution Range</b>	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
<b>Formulation</b>	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

**TARGET INFORMATION**

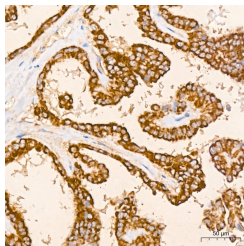
<b>Gene ID</b>	10935
<b>Gene Symbol</b>	PRDX3
<b>Uniprot ID</b>	PRDX3_HUMAN
<b>Immunogen</b>	
<b>Immunogen Region</b>	157-256
<b>Specificity</b>	A synthetic peptide corresponding to a sequence within amino acids 157-256 of human Peroxiredoxin 3 (PRDX3) (PRDX3) (P30048).
<b>Immunogen Sequence</b>	NIALLSDLTKQISRDTYGVLL EGSGALRLGLFIIDPNGVIK HLSVNDLPVGRSVEETLRLV KAFQYVETHGEVCPANWTPD SPTIKPSPAASKEYFQKVNQ



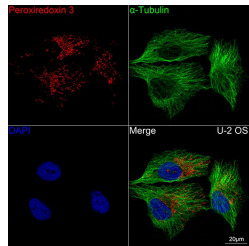
Western blot analysis of extracts of various cell lines, using Peroxiredoxin 3 (PRDX3) (PRDX3) rabbit monoclonal antibody (STJ11101819) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat 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.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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