

Anti-PRDX1 antibody (1-199) (STJ115485)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse

PRODUCT PROPERTIES

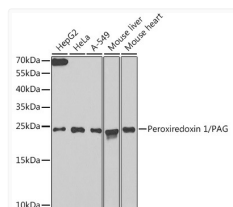
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 22kDa Observed Mw: 24kDa
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	5052
Gene Symbol	PRDX1
UniProt ID	PRDX1_HUMAN
Immunogen Region	1-199
Immunogen Sequence	MSSGNAKIGHAPNFKATAV MPDGQFKDISLSDYKGKYVV FFFYPLDFTFVCPTETIAFS DRAEEFKKLNCQVIGASVDS HFCHLAWVNTPKKQGGLGPM NIPLVSDPKRTIAQDYGVLK ADEGISFRGLFIIDDKGILR QITVNDLPVGRSVDETLRLV QAFQFTDKHGEVCPAGWKPG SDTIKPDVQKSKEYFSKQK
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-199 of human Peroxiredoxin 1/PAG (NP_001189360.1).

ADDITIONAL INFORMATION

Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.
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Western blot analysis of extracts of various cell lines, using Peroxiredoxin 1/PAG antibody (STJ115485) 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% nonfat dry milk in TBST.