

Rabbit anti-Human Ferredoxin Reductase Polyclonal Antibody | anti-FDXR antibody

Ferredoxin Reductase Rabbit pAb

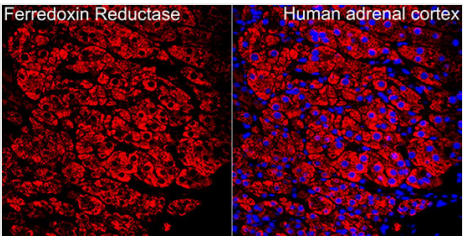
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283290	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

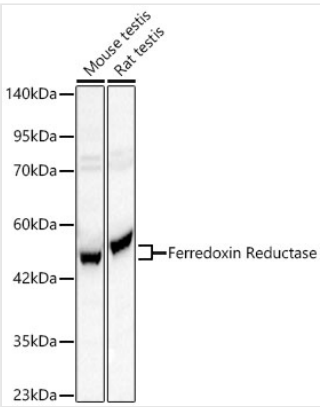
Ferredoxin Reductase; Polyclonal Antibody; Ferredoxin Reductase Rabbit pAb; ADR; ADXR; ANOA; FDXR; anti-FDXR antibody

PRODUCT SPECIFICATIONS

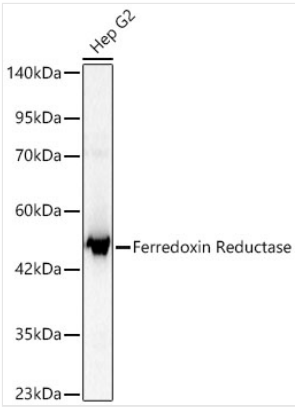
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Sequence	EIPGEELPGV CSARAFVGWY NGLPENQELE PDLSCDTAVI LGQGIVALDV ARILLTPPEH LERTDITKAA LGVLRQSRVK TVWLVGRRGP LQVAFTIKEL REMIQLPGAR PILDPVDFLG LQDKIKEVPR PRKRLTELL RTATEKPGPA EAARQASASR AWGLRFFRSP QQVLPSPDGR RAAGVRLAVT RLEGVDEATR AVPTGDMEDL PCGLVLSSIG YKSRPVDPSV PFDSKLGVIP NVEGRVMDVP GLYCSGWVKR GPTGVIATTM TDSFLTQQML LQDLKAGLLP SGPRPGYAAI QALLSSRGVR PVSFSDWEKL DAEVARGQG TGKPREKLVD PQEMLRLLGH
Applicable Applications for anti-FDXR antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 142-491 of human Ferredoxin Reductase(NP_077728.3).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.



IF (Immunofluorescence)
Immunofluorescence analysis of paraffin-embedded Human adrenal cortex tissue using Ferredoxin Reductase Rabbit pAb (AAA283290) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.



WB (Western Blot)
Western blot analysis of various lysates using Ferredoxin Reductase Rabbit pAb (AAA283290) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates / proteins: 25 ug per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.



WB (Western Blot)
Western blot analysis of lysates from Hep G2 cells using Ferredoxin Reductase Rabbit pAb (AAA283290) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-FDXR antibody	This gene encodes a mitochondrial flavoprotein that initiates electron transport for cytochromes P450 receiving electrons from NADPH. Multiple alternatively spliced transcript variants have been found for this gene.
Product Categories/Family for anti-FDXR antibody	Cancer; Signal Transduction; Cell Biology Developmental Biology; Endocrine Metabolism; Mitochondrial metabolism; Mitochondrial markers; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	85681283
NCBI GeneID	2232
UniProt Accession #	P22570; Q13716; Q4PJI0; Q9BU12; B4DDI7; B4DHX5; B4DQQ4; B4DX24; B7Z7G2; E7EQC1
Molecular Weight	Calculated MW: 54kDa Observed MW: 48kDa
UniProt Protein Name	NADPH:adrenodoxin oxidoreductase, mitochondrial
UniProt Gene Name	FDXR

UniProt Synonym Gene Names	ADXR; AR; Adrenodoxin reductase; Ferredoxin reductase
UniProt Entry Name	ADRO_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ferredoxin-reductase-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/283290>