

FDX1 recombinant antibody

Recombinant Anti-FDX1 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA266375	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Western Blot

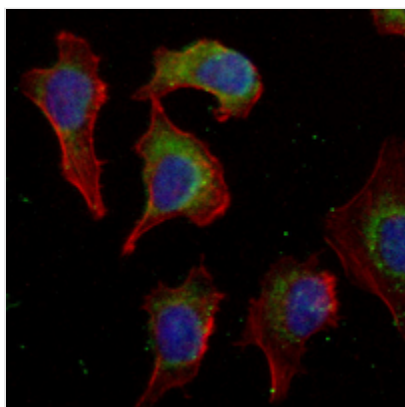
PRODUCT SYNONYMS

FDX1; Monoclonal Recombinant Antibody; Recombinant Anti-FDX1 Rabbit mAb; ADX; Adrenodoxin; mitochondrial; Adrenal ferredoxin; Ferredoxin-1; Hepatoredoxin; FDX1 recombinant antibody

PRODUCT SPECIFICATIONS

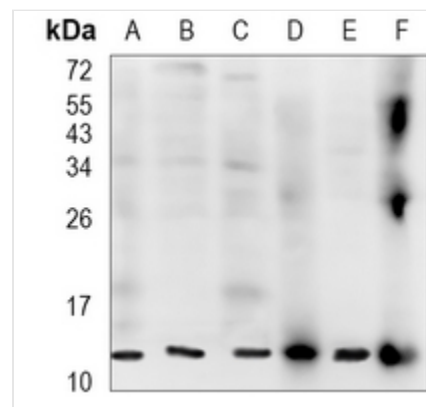
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Specificity	Recognizes endogenous levels of FDX1 protein
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in PBS, pH7.4, containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.
Applicable Applications for FDX1 recombinant antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within human FDX1. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of FDX1 staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 degree C in a humidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



WB (Western Blot)

Western blot analysis of FDX1 expression in Jurkat (A), THP1 (B), A549 (C), mouse kidney (D), mouse muscle (E), rat kidney (F) whole cell lysates. (Predicted band size: 19 kD; Observed band size: 13 kD)

ADDITIONAL INFORMATION

Related Product Information for FDX1 recombinant antibody	Recombinant rabbit monoclonal antibody to FDX1
Product Categories/Family for FDX1 recombinant antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758352
NCBI GeneID	2230
NCBI Accession #	NP_004100.1
NCBI GenBank Nucleotide #	NM_004109.4
UniProt Accession #	P10109; P46656; P24483
Molecular Weight	19,393 Da
NCBI Official Full Name	adrenodoxin, mitochondrial
NCBI Official Synonym Full Names	ferredoxin 1
NCBI Official Symbol	FDX1
NCBI Official Synonym Symbols	ADX; FDX; LOH11CR1D
NCBI Protein Information	adrenodoxin, mitochondrial; adrenal ferredoxin; ferredoxin-1; hepatoredoxin; mitochondrial adrenodoxin
UniProt Protein Name	Adrenodoxin, mitochondrial
UniProt Gene Name	FDX1
UniProt Synonym Gene Names	ADX
UniProt Entry Name	ADX_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/monoclonal/adx1-recombinant-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/266375>