PFLA Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PFLA, Polyclonal Antibody
Full Product Name	Rabbit anti-Escherichia coli (strain K12) PFLA Polyclonal Antibody
Product Gene Name	anti-PFLA antibody
Product Synonym Names	PFLA Antibody; Pyruvate formate-lyase 1-activating enzyme; EC 1.97.1.4; Formate-C-acetyltransferase-activating enzyme 1; PFL-activating enzyme 1; pflA act b0902 JW0885
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	E Coli (strain K12)
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH7.4
Purity/Purification	Antigen-affinity
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	28,204 Da
3D Structure	ModBase 3D Structure for P0A9N4
Immunogen	Recombinant Escherichia coli (strain K12) pflA protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-PFLA antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-PFLA antibody	MBS7165451 is an antibody targeting PFLA. Also known as Rabbit anti-Escherichia coli (strain K12) PFLA Polyclonal Antibody. Reactive in E Coli (strain K12). Host: Rabbit.
Other Notes	Small volumes of anti-PFLA antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PFLA. It may not necessarily be applicable to this product.

NCBI GI #	16128869
NCBI GeneID	945517
NCBI Accession #	NP_415422.1
UniProt Primary Accession #	P0A9N4
UniProt Secondary Accession #	P09374

GenBank Nucleotide #	NC_000913.3
NCBI Official Full Name	pyruvate formate-lyase 1-activating enzyme;
NCBI Official Symbol	pflA
NCBI Official Synonym Symbols	act; ECK0893; JW0885
UniProt Protein Name	Pyruvate formate-lyase 1-activating enzyme
UniProt Synonym Protein Names	Formate-C-acetyltransferase-activating enzyme 1; PFL-activating enzyme 1
Protein Family	Pyruvate formate-lyase 1-activating enzyme
UniProt Gene Name	pflA
UniProt Synonym Gene Names	act
NCBI Protein Information	pyruvate formate-lyase 1-activating enzyme; [formate-C-acetyltransferase 1]-activating enzyme; PFL activase
NCBI Summary for PFLA	Radical SAM superfamily. [More information is available at EcoGene: EG10028].
UniProt Comments for PFLA	Activation of pyruvate formate-lyase 1 under anaerobic conditions by generation of an organic free radical, using S-adenosylmethionine and reduced flavodoxin as cosubstrates to produce 5'-deoxy-adenosine.
Research Articles on PFLA	**1.** N-terminus verified by Edman degradation on mature peptide
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