



Anti-FXN (aa 91-200) polyclonal antibody (DPAB-DC1143)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This nuclear gene encodes a mitochondrial protein which belongs to FRATAXIN family. The protein functions in regulating mitochondrial iron transport and respiration. The expansion of intronic trinucleotide repeat GAA results in Friedreich ataxia. Alternative splicing results in multiple transcript variants.
Immunogen	FXN (AAH48097.1, 91 a.a. ~ 200 a.a) partial recombinant protein with GST tag. The sequence is DETTYERLAEETLDSLAEFFEDLADKPYTFEDYDVSFSGSVLTVKLGGDLGTYVINKQTP NKQIWLSSPSSGPKRYDWTGKNWVYSHDGVSLHELLAAELTKALKTKLDL
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name [FXN frataxin \[Homo sapiens \(human\) \]](#)

Official Symbol	FXN
Synonyms	FXN; frataxin; FA; X25; CyaY; FARR; FRDA; frataxin, mitochondrial; Friedreich ataxia protein;
Entrez Gene ID	2395
Protein Refseq	NP_000135
UniProt ID	Q16595
Chromosome Location	9q21.11
Pathway	HIF-2-alpha transcription factor network; Metabolism of proteins; Mitochondrial protein import;
Function	2 iron, 2 sulfur cluster binding; ferric iron binding; ferrous iron binding; ferroxidase activity