

Product datasheet for **AP13488PU-N**

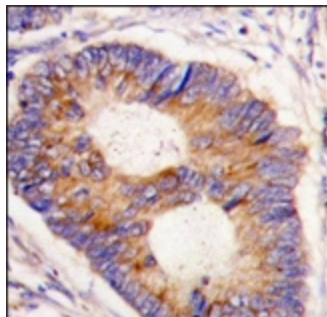
Frataxin (FXN) (Center) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	ELISA: 1/1,000. Immunohistochemistry: 1/50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the Center region of human FXN.
Specificity:	This antibody reacts to FXN.
Formulation:	PBS with 0.09% (W/V) sodium azide State: Purified State: Liquid purified Ig
Concentration:	lot specific
Purification:	Protein A column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	frataxin
Database Link:	Entrez Gene 2395 Human Q16595
Background:	FXN is a mitochondrial protein which belongs to the FRATAXIN family. The protein functions in regulating mitochondrial iron transport and respiration. The expansion of intronic trinucleotide repeat GAA results in Friedreich ataxia.
Synonyms:	Frataxin mitochondrial, FRDA, Friedreich ataxia protein



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Product images:

Formalin-fixed and paraffin-embedded human colon carcinoma tissue reacted with FXN antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.