

Datasheet for ABIN769028
anti-Frataxin antibody (AA 105-154)

2 Images

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Overview

Quantity:	50 µg
Target:	Frataxin (FXN)
Binding Specificity:	AA 105-154
Reactivity:	Human, Mouse, Rat, Cow, Horse, Rabbit, Dog, Guinea Pig, Monkey, Pig, Bat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide located between aa105-154 of rat Fxn (D3ZYW7). Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Rat, Elephant, Dog, Bovine, Bat, Rabbit, Horse, Pig, Opossum, Guinea pig, Platypus, Slime mold (100%), Zebra finch, Chicken, Zebrafish (92%), Drosophila, Nematode, Grape, Arabidopsis (91%), Lizard (85%), Beetle (81%). Type of Immunogen: Synthetic peptide
Specificity:	Rat FXN / Frataxin
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Mouse, Dog, Rabbit, Horse, Pig, Guinea pig (100%) Chicken, Zebrafish (92%).
Purification:	Immunoaffinity purified

Target Details

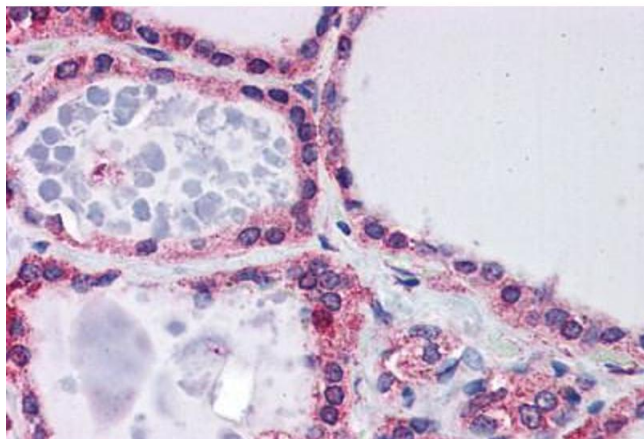
Target:	Frataxin (FXN)
Alternative Name:	FXN / Frataxin (FXN Products)
Background:	Name/Gene ID: FXN Synonyms: FXN, CyaY, Frataxin, mitochondrial, Friedreich ataxia protein, FARR, Friedreich ataxia, FA, FRDA, X25, Frataxin
Gene ID:	2395
UniProt:	Q16595
Pathways:	Transition Metal Ion Homeostasis , Regulation of Cell Size

Application Details

Application Notes:	Approved: IHC, IHC-P (5 µg/mL), WB (1 µg/mL) Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as secondary antibody.
Comment:	Target Species of Antibody: Rat
Restrictions:	For Research Use only

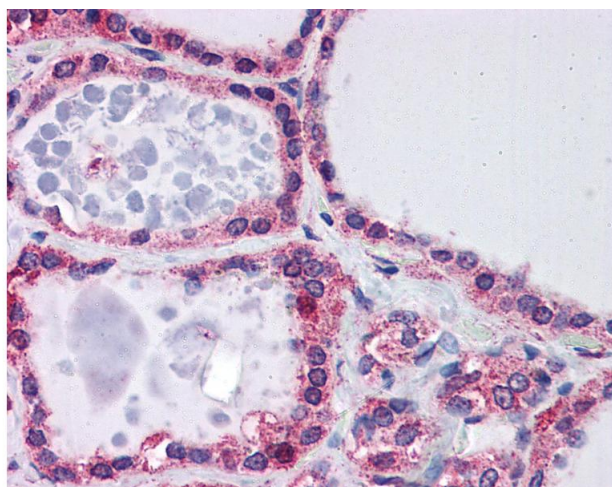
Handling

Format:	Lyophilized
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C, -20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.



Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections)

Image 1. Human Thyroid: Formalin-Fixed, Paraffin-Embedded (FFPE)



Immunohistochemistry

Image 2. Anti-FXN / Frataxin antibody IHC of human thyroid. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of this product. ...