Best Tools for immunology Research

Sideroflexin-4 Polyclonal Antibody

Catalog No :	YT4298
Reactivity :	Human
Applications :	WB;IHC
Target :	Sideroflexin-4
Gene Name :	SFXN4
Protein Name :	Sideroflexin-4
Human Gene Id :	119559
Human Swiss Prot No :	Q6P4A7
Mouse Swiss Prot No :	Q925N1
Immunogen :	The antiserum was produced against synthesized peptide derived from human SFXN4. AA range:1-50
Specificity :	Sideroflexin-4 Polyclonal Antibody detects endogenous levels of Sideroflexin-4 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000;IHC 1:50-300
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	37kD

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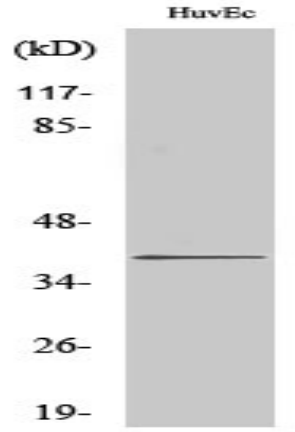
Background : This gene encodes a member of the sideroflexin family. The encoded protein is a transmembrane protein of the inner mitochondrial membrane, and is required for mitochondrial respiratory homeostasis and erythropoiesis. Mutations in this gene are associated with mitochondriopathy and macrocytic anemia. Alternatively spliced transcript variants have been found in this gene. [provided by RefSeq, Jan 2014],

Function : function:Potential iron transporter.,similarity:Belongs to the sideroflexin family.,

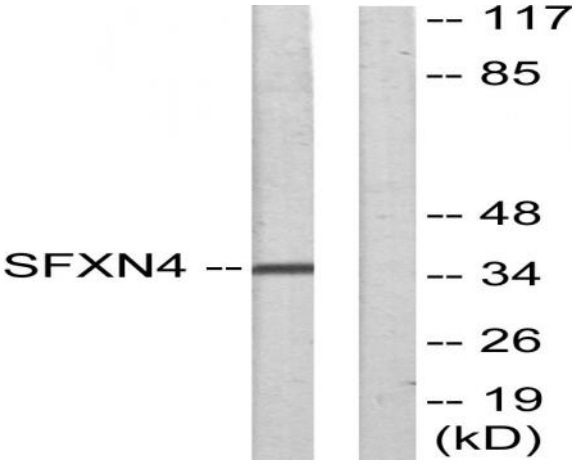
Subcellular Location : Mitochondrion inner membrane ; Multi-pass membrane protein .

Expression : Mammary tumor,Placenta,Tongue,

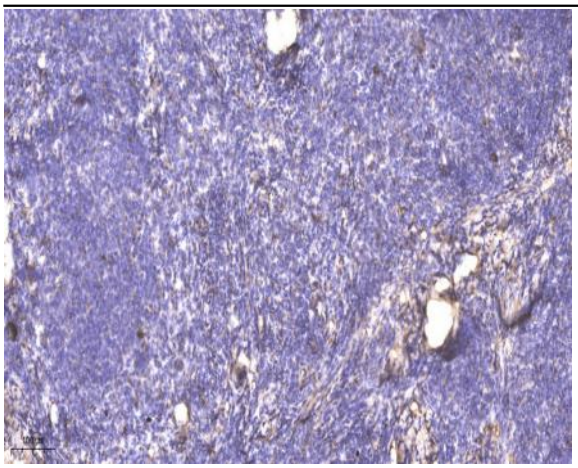
Products Images



Western Blot analysis of various cells using Sideroflexin-4 Polyclonal Antibody



Western blot analysis of lysates from HUVEC cells, using SFXN4 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human cervical carcinoma. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).