



Sideroflexin-4 Polyclonal Antibody

Catalog No	YP-Ab-04210
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IHC
Gene Name	SFXN4
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
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000;IHC-p 1:50-300
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	BCRM1;Breast cancer resistance marker 1;SFXN 4;Sideroflexin 4;Sideroflexin-4;SFXN4
Observed Band	37kD
Calculated Molecular Weight	37kD
Cell Pathway	Mitochondrion inner membrane ; Multi-pass membrane protein .
Tissue Specificity	Mammary tumor,Placenta,Tongue,
Function	function:Potential iron transporter.,similarity:Belongs to the sideroflexin family.,
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],



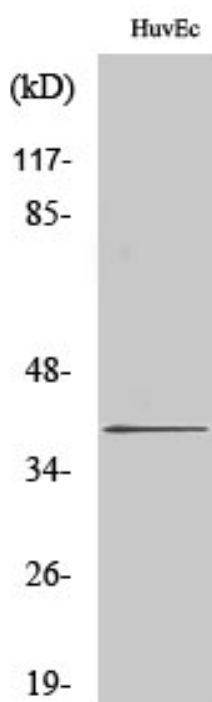
matters needing attention

Avoid repeated freezing and thawing!

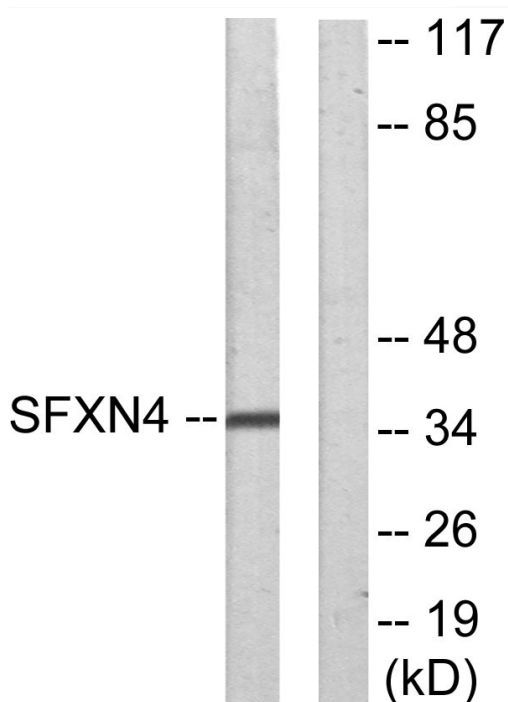
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

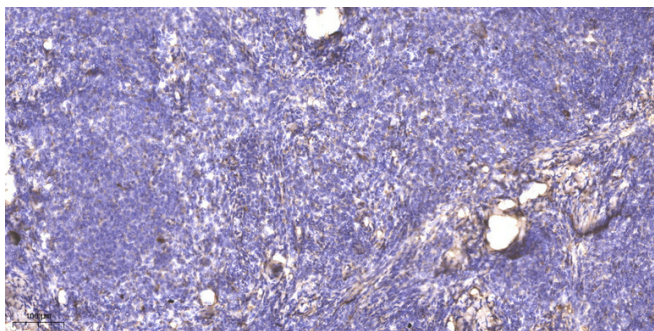
Products Images



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).