



# Sideroflexin-4 rabbit pAb

Cat No.:ES3444

For research use only

## Overview

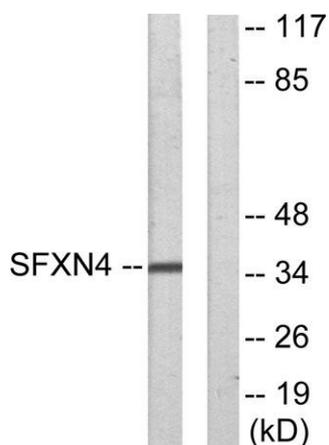
<b>Product Name</b>	Sideroflexin-4 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	WB 1:500-2000;IHC-p 1:50-300
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human SFXN4. AA range:1-50
<b>Specificity</b>	Sideroflexin-4 Polyclonal Antibody detects endogenous levels of Sideroflexin-4 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Sideroflexin-4
<b>Gene Name</b>	SFXN4
<b>Cellular localization</b>	Mitochondrion inner membrane ; Multi-pass membrane protein .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	37kD
<b>Human Gene ID</b>	119559
<b>Human Swiss-Prot Number</b>	Q6P4A7
<b>Alternative Names</b>	SFXN4; BCRM1; Sideroflexin-4; Breast cancer resistance marker 1
<b>Background</b>	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



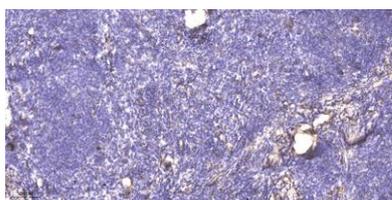


variants have been found in this gene. [provided by RefSeq, Jan 2014],

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).

