



Sideroflexin-4 Polyclonal Antibody

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| Catalog No | BYab-04210 |
| Isotype | IgG |
| Reactivity | Human;Rat;Mouse; |
| Applications | WB;IHC |
| Gene Name | SFXN4 |
| Protein Name | Sideroflexin-4 |
| 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 | SFXN4; BCRM1; Sideroflexin-4; Breast cancer resistance marker 1 |
| Observed Band | 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], |

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matters needing attention

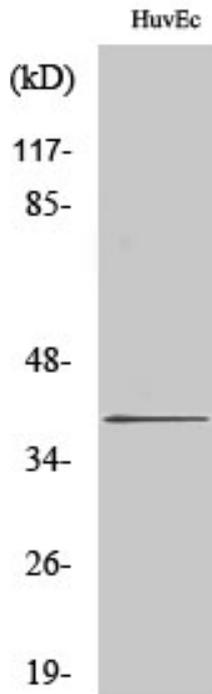
Avoid repeated freezing and thawing!

Usage suggestions

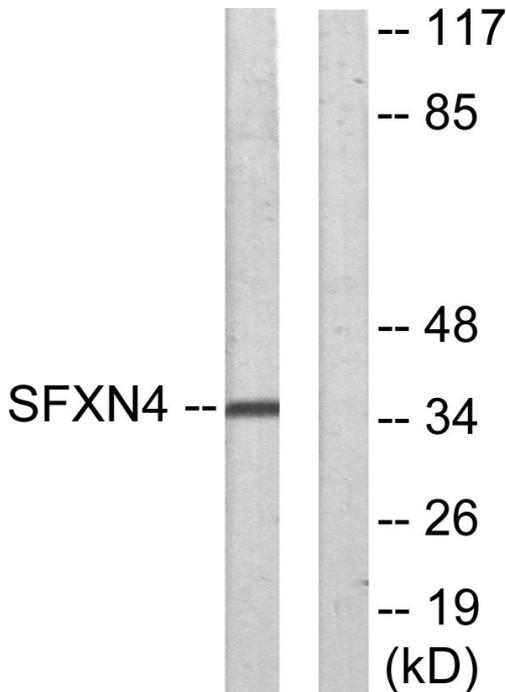
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



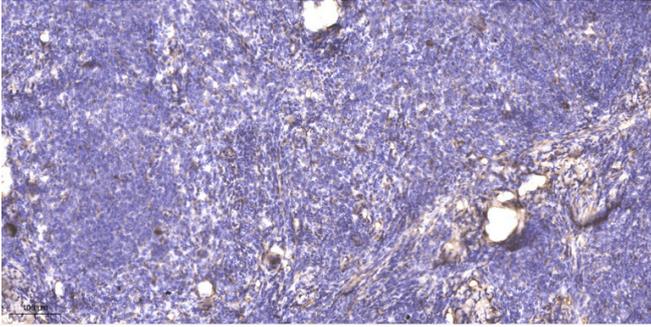
Products Images



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).