SFXN1 Rabbit pAb

Catalog No	YP-Ab-18623
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB
Gene Name	SFXN1
Protein Name	Sideroflexin-1 (Tricarboxylate carrier protein) (TCC)
Immunogen	
Specificity	This antibody detects endogenous levels of SFXN1 at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000; IHC 1:100-1:300; ELISA 1:40000; IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	35kD
Cell Pathway	Mitochondrion inner membrane ; Multi-pass membrane protein .
Tissue Specificity	Highly expressed in tissues with high one-carbon metabolism activity, such as blood, liver and kidney.
Function	Mitochondrial serine transporter that mediates transport of serine into mitochondria, an important step of the one-carbon metabolism pathway . Mitochondrial serine is converted to glycine and formate, which then exits to the cytosol where it is used to generate the charged folates that serve as one-carbon donors . Transports both D-serine and L-serine . Also able to transport other amino-acids, such as alanine . May be indirectly involved in the transport of a component required for iron utilization into or out of the mitochondria (By similarity).
Background	
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