



ABC3F mouse mAb

Catalog No	YP-mAb-12037
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	APOBEC3F
Immunogen	Synthesized peptide derived from human ABC3F AA range: 112-162
Specificity	This antibody detects endogenous levels of ABC3F at Human
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ABC3F;APOBEC3F
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Cytoplasm. Cytoplasm, P-body.
Tissue Specificity	Widely expressed. Highly expressed in ovary.
Function	cofactor:Zinc.,function:After being packaged into HIV-1 virions, blocks productive infection by massively editing dC residues to dU on the DNA minus strand during reverse transcription. The editing of the minus strand DNA of HIV-1 during reverse transcription leads to G-to-A transitions in the plus strand. The inhibition of viral replication is either due to the degradation of the minus strand before its integration or to the lethality of the hypermutations.,function:DNA deaminase (cytidine deaminase) that mediates a form of innate resistance to retroviral infections (at least to HIV-1 infection) by triggering G-to-A hypermutation in the newly synthesized viral DNA. The replacements C-to-U in the minus strand DNA of HIV-1 during reverse transcription, leads to G-to-A transitions in the plus strand. The inhibition of viral replication is either due to the degradation of the minus strand b



Background

This gene is a member of the cytidine deaminase gene family. It is one of seven related genes or pseudogenes found in a cluster, thought to result from gene duplication, on chromosome 22. Members of the cluster encode proteins that are structurally and functionally related to the C to U RNA-editing cytidine deaminase APOBEC1. It is thought that the proteins may be RNA editing enzymes and have roles in growth or cell cycle control. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008],

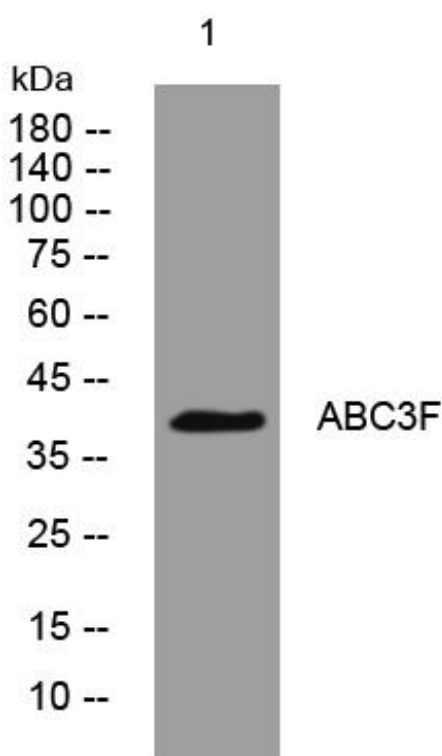
matters needing attention

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 ABC3F mouse mAb