

Datasheet

APOBEC3F polyclonal antibody (A01)

Catalog Number: H00200316-A01

Regulation Status: For research use only (RUO)

Product Description: Mouse polyclonal antibody raised against a partial recombinant APOBEC3F.

Immunogen: APOBEC3F (NP_660341, 274 a.a. ~ 372 a.a) partial recombinant protein with GST tag.

Sequence:

YTSWSPCECAGEVAEFLARHSNVNLTIFTARLYYFW
DTDYQEGRLSLSQEGASVEIMGYKDFKYCWENFVYN
DDEPFKPWKGLKYNFLFLDSKLQEIL

Host: Mouse

Reactivity: Human

Applications: ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Storage Buffer: 50 % glycerol

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 200316

Gene Symbol: APOBEC3F

Gene Alias: ARP8, BK150C2.4.MRNA, KA6, MGC74891

Gene Summary: 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]

References:

1. A novel HIV-1 restriction factor that is biologically distinct from APOBEC3 cytidine deaminases in a human T cell line CEM.NKR. Zhou T, Han Y, Dang Y, Wang X, Zheng YH. Retrovirology. 2009 Apr 3;6:31.
2. APOBEC3G and APOBEC3F Require an Endogenous Cofactor to Block HIV-1 Replication. Han Y, Wang X, Dang Y, Zheng YH. PLoS Pathog. 2008 Jul 4;4(7):e1000095.