

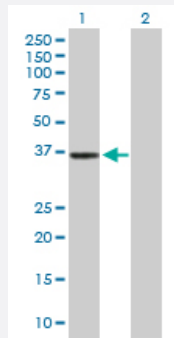
MaxPab®

APOBEC3G purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00060489-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of APOBEC3G expression in transfected 293T cell line ([H00060489-T03](#)) by APOBEC3G MaxPab polyclonal antibody.

Lane 1: APOBEC3G transfected lysate(42.24 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human APOBEC3G protein.
Immunogen	APOBEC3G (AAH24268.1, 1 a.a. ~ 384 a.a) full-length human protein.
Sequence	MKPHFRNTVERMYRDTFSYNFYNRPILSRRNTVWLCYEVKTKGSPRPPLDAKIFRGQVYSELKYHP EMRFFHWFSKWRKLHRDQEYEVTWYISWSPCTKCTRDMATFLAEDPKVTLTIFVARLYYFWDPD YQEALRSLCQKRDGPRATMKIMNYDEFQHCWSKFVYSQRELFEPWNNLPKYILLHIMLGEILRHS MDPPTFTFNFNNEPWVRGRHETLYLCYEVERMHNDTWVLLNQRRGFLCNQAPHKHGFLEGRHAE LCFLDVIPFWKLDLDQDYRVTCFTSWSPCFSCAQEMAKFISKNKHVSLCIFTARIYDDQGRCQEG LRTLAEGAKISIMTYSEFKHCWDTFVDHQGCPFQPWDGLDEHSQDLSGRLRAILQNQEN
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — APOBEC3G

Entrez GeneID [60489](#)

GeneBank Accession# [NM_021822.1](#)

Protein Accession# [AAH24268.1](#)

Gene Name APOBEC3G

Gene Alias ARP9, CEM15, FLJ12740, MDS019, bK150C2.7, dJ494G10.1

Gene Description apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3G

Omim ID [607113](#)

Gene Ontology [Hyperlink](#)

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. The protein encoded by this gene has been found to be a specific inhibitor of human immunodeficiency virus-1 (HIV-1) infectivity. [provided by RefSeq]

Other Designations DNA dC->dU editing enzyme|OTTHUMP00000028911|phorbolin-like protein MDS019

Pathway

- [Atrazine degradation](#)

Disease

- [Acquired Immunodeficiency Syndrome](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis B](#)
- [HIV Infections](#)
- [HIV Seropositivity](#)
- [Liver Cirrhosis](#)