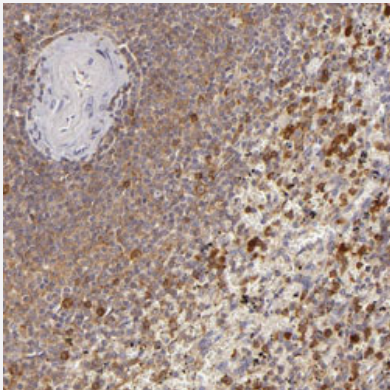


APOBEC3G polyclonal antibody

Catalog # PAB30317 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human spleen with APOBEC3G polyclonal antibody (Cat # PAB30317) shows strong cytoplasmic positivity in cells in red pulp at 1:200-1:500 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human APOBEC3G.
Immunogen	Recombinant protein corresponding to human APOBEC3G.
Sequence	MHNDTWVLLNQRRGFLCNQAPHKHGFLGRHAELCFLDVIPFWKLDLDQDYRVTCFTSWSPCF SCAQEMAKFISKKNKHVSLCIFTARIYDDQGRCQEGLRTLAEAGAKISIMTYSEFKHCWDTFVDHQQ CPFQPWDGLDEHSQDLSGRL
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200-1:500) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Gene Info — APOBEC3G

Entrez GeneID	60489
Protein Accession#	Q9HC16
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](#)