

APOBEC3A Antibody (Internal)
Goat Polyclonal Antibody
Catalog # ALS14952**Specification**

APOBEC3A Antibody (Internal) - Product Information

Application	IHC
Primary Accession	P31941
Reactivity	Human
Host	Goat
Clonality	Polyclonal

APOBEC3A Antibody (Internal) - Additional Information**Gene ID** 100913187;200315**Other Names**

DNA dC->dU-editing enzyme APOBEC-3A, A3A, 3.5.4.-, Phorbolin-1, APOBEC3A

Target/Specificity

Human APOBEC3A.

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

APOBEC3A Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

APOBEC3A Antibody (Internal) - Protein Information**Name** APOBEC3A**Function**

DNA deaminase (cytidine deaminase) with restriction activity against viruses, foreign DNA and mobility of retrotransposons. Exhibits antiviral activity against adeno-associated virus (AAV) and human T- cell leukemia virus type 1 (HTLV-1) and may inhibit the mobility of LTR and non-LTR retrotransposons. Selectively targets single-stranded DNA and can deaminate both methylcytosine and cytosine in foreign DNA. Can induce somatic hypermutation in the nuclear and mitochondrial DNA. May also play a role in the epigenetic regulation of gene expression through the process of active DNA demethylation.

Cellular Location

Nucleus. Cytoplasm.

Tissue Location

Expressed in peripheral leukocytes with higher expression in CD14-positive phagocytic cells. Highly expressed in keratinocytes and in periphery blood monocytes. Also detected in non-

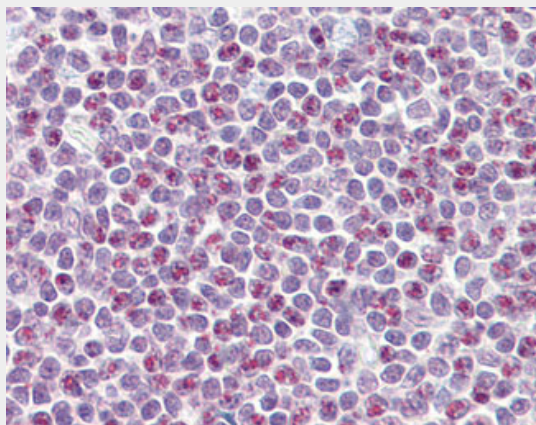
lymphoid tissues including lung and adipose tissues. Found at high levels in colorectal adenocarcinoma, Burkitt's lymphoma and chronic myelogenous leukemia.

APOBEC3A Antibody (Internal) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

APOBEC3A Antibody (Internal) - Images



Anti-APOBEC3A antibody IHC of human tonsil.