

Product datasheet for **AP31973PU-N**

APOBEC3A_B Goat Polyclonal Antibody

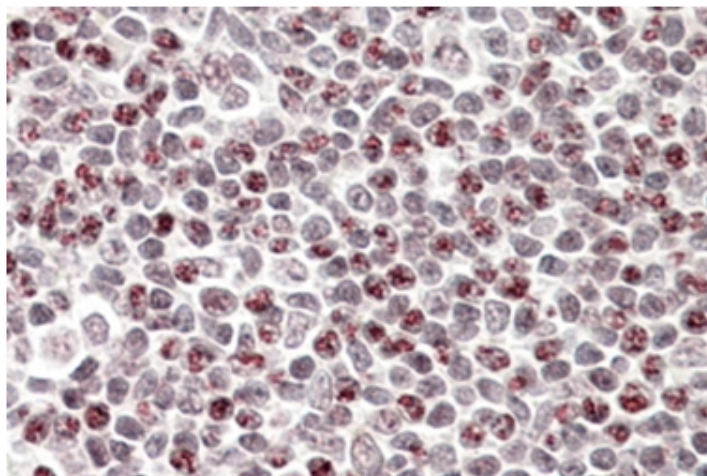
Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, FC, IF, IHC, WB
Recommended Dilution:	Peptide ELISA: 1/8000 (Detection limit). Western blot: 3-6 µg/ml. Approx. 26-28kDa band observed in Human Spleen, Tonsil and Peripheral Blood Monocytes (PBM) lysates (calculated MW of 23.0kDa according to Human NP_663745.1). The observed molecular weight corresponds to earlier findings with different antibodies from other commercial sources. Recommended concentration: 0.1-1ug/ml. Primary incubation 1 hour at room temperature. Immunohistochemistry on Paraffin Sections: 3-6 µg/ml. In paraffin embedded Human Tonsil shows staining of distinct parts of the nucleus in lymphoid cells. Immunofluorescence: 10 µg/ml. Strong expression of the protein seen in the nucleus of A431 and A549 cells. Flow Cytometry: 10 µg/ml. Flow cytometric analysis of Jurkat cells.
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Synthetic peptide with sequence from the internal region of Human APOBEC3A (NP_663745.1).
Specificity:	This antibody recognizes Human Phorbolin 1 / APOBEC3A. Other species not tested.
Formulation:	Tris saline, pH~7.3 State: Aff - Purified State: Liquid purified Ig fraction Stabilizer: 0.5% BSA Preservative: 0.02% Sodium Azide
Concentration:	lot specific
Purification:	Immunoaffinity Chromatography
Conjugation:	Unconjugated



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Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	APOBEC3A and APOBEC3B deletion hybrid
Database Link:	Entrez Gene 100913187 Human P31941
Background:	PHO1 a member of the cytidine deaminase gene family. The PHO1 gene 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. This gene encodes a protein that lacks the zinc binding activity and may be an expressed pseudogene.
Synonyms:	Phorbolin-1

Product images:

Paraffin Embedded Human Tonsil stained with APOBEC3A antibody at 3.8 ug/ml. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.