
Product Name: APOBEC3D/F Rabbit Polyclonal Antibody**Catalog #: APRab07025**

For research use only.

Summary

| | |
|----------------------|---|
| Description | Rabbit polyclonal Antibody |
| Host | Rabbit |
| Application | WB,IHC,ICC/IF,ELISA |
| Reactivity | Human,Monkey |
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | IgG |
| Clonality | Polyclonal |
| Form | Liquid |
| Concentration | 1mg/ml |
| Storage | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. |
| Shipping | Ice bags |
| Buffer | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N. |
| Purification | Affinity purification |

Application

| | |
|-------------------------|---|
| Dilution Ratio | WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:20000-1:40000 |
| Molecular Weight | 40kDa |

Antigen Information

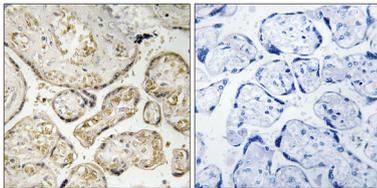
| | |
|--------------------------|--|
| Gene Name | APOBEC3D/APOBEC3F APOBEC3D; Probable DNA dC->dU-editing enzyme APOBEC-3D; APOBEC3F; DNA dC->dU- |
| Alternative Names | editing enzyme APOBEC-3F; Apolipoprotein B mRNA-editing enzyme catalytic polypeptide-like 3F |
| Gene ID | 200316/140564 |
| SwissProt ID | Q96AK3/Q8IUX4 |
| Immunogen | The antiserum was produced against synthesized peptide derived from human APOBEC3D/F. AA range:232-281 |

Background

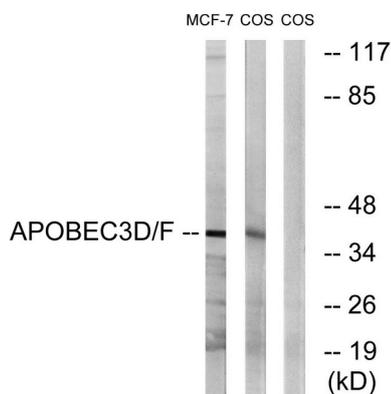
This gene is a member of the cytidine deaminase gene family. It is one of a group of related genes found in a cluster, thought to result from gene duplication, on chromosome 22. Members of the cluster encode proteins that are structurally and functionally related to the C to U RNA-editing cytidine deaminase APOBEC1 and inhibit retroviruses, such as HIV, by deaminating cytosine residues in nascent retroviral cDNA. [provided by RefSeq, Jul 2008],cofactor:Zinc.,function:Unknown. Unable to reduce HIV-1 infectivity in vitro.,miscellaneous:It is one of seven related genes or pseudogenes found in a cluster, thought to result from gene duplication, on chromosome 22.,similarity:Belongs to the cytidine and deoxycytidylate deaminase family.,

Research Area

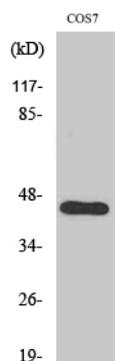
Image Data



Immunohistochemistry analysis of paraffin-embedded human placenta tissue, using APOBEC3D/F Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from COS7 and MCF-7 cells, using APOBEC3D/F Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using APOBEC3D/F Polyclonal Antibody