

APOBEC3D/F rabbit pAb**Cat#: orb764555 (Manual)**

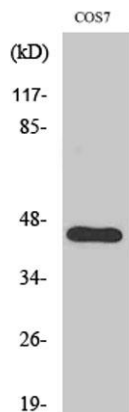
For research use only. Not intended for diagnostic use.

Product Name	APOBEC3D/F rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Monkey
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human APOBEC3D/F. AA range:232-281
Specificity	APOBEC3D/F Polyclonal Antibody detects endogenous levels of APOBEC3D/F protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Probable DNA dC->dU-editing enzyme APOBEC-3D/F
Gene Name	APOBEC3D/APOBEC3F
Cellular localization	Cytoplasm. Cytoplasm, P-body.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

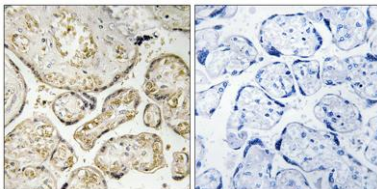
Concentration	1 mg/ml
Observed band	40kD
Human Gene ID	200316/140564
Human Swiss-Prot Number	Q96AK3/Q8IUX4
Alternative Names	APOBEC3D; Probable DNA dC->dU-editing enzyme APOBEC-3D; APOBEC3F; DNA dC->dU-editing enzyme APOBEC-3F; Apolipoprotein B mRNA-editing enzyme catalytic polypeptide-like 3F

Background

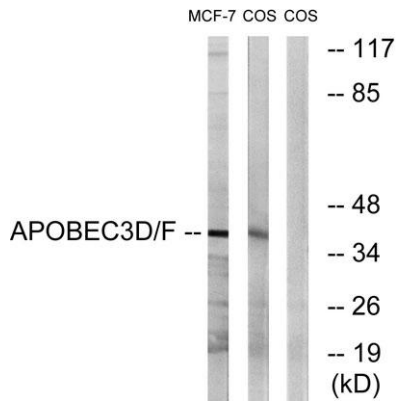
This gene is a member of the cytidine deaminase gene family. It is one of a group of related genes found in a cluster, thought to result from gene duplication, on chromosome 22. Members of the cluster encode proteins that are structurally and functionally related to the C to U RNA-editing cytidine deaminase APOBEC1 and inhibit retroviruses, such as HIV, by deaminating cytosine residues in nascent retroviral cDNA. [provided by RefSeq, Jul 2008],



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



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.