

Product datasheet for **TA345715**

APOBEC3F Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-APOBEC3F antibody: synthetic peptide directed towards the N terminal of human APOBEC3F. Synthetic peptide located within the following region: MKPHFRNTVERMYRDTFSYFYNRPILSRRNTVWLCYEVKTKGPSRPRLD
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	45 kDa
Gene Name:	apolipoprotein B mRNA editing enzyme catalytic subunit 3F
Database Link:	NP_660341 Entrez Gene 200316 Human Q8IUX4



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Background:

APOBEC3F 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. Alternatively spliced transcript variants encoding different isoforms have been identified. 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. Alternatively spliced transcript variants encoding different isoforms have been identified.

Synonyms:

A3F; ARP8; BK150C2.4.MRNA; KA6

Note:

Immunogen Sequence Homology: Human: 100%; Pig: 79%

Product images:

WB Suggested Anti-APOBEC3F Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 12500; Positive Control: OVCAR-3 cell lysate; APOBEC3F is supported by BioGPS gene expression data to be expressed in OVCAR3