



Anti-APOBEC3F monoclonal antibody (DCABH-10557)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	A synthetic peptide of human APOBEC3F is used for rabbit immunization.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A
Conjugate	Unconjugated
Applications	Western Blot (Transfected lysate); ELISA
Buffer	In 1x PBS, pH 7.4
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	APOBEC3F apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3F [Homo sapiens]
Official Symbol	APOBEC3F
Synonyms	APOBEC3F; apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3F; DNA dC->dU-editing enzyme APOBEC-3F; ARP8; BK150C2.4.MRNA; KA6; DNA dC-> dU-editing enzyme APOBEC-3F; induced upon T-cell activation; apolipoprotein B mRNA editing enzyme cytidine deaminase; apolipoprotein B mRNA-editing enzyme catalytic polypeptide-like 3F; MGC74891;
Entrez Gene ID	200316
Protein Refseq	NP_001006667
UniProt ID	Q8IUX4
Chromosome Location	22q13.1-q13.2
Pathway	APOBEC3G mediated resistance to HIV-1 infection, organism-specific biosystem; Disease, organism-specific biosystem; HIV Infection, organism-specific biosystem; Host Interactions of HIV factors, organism-specific biosystem; Vif-mediated degradation of APOBEC3G, organism-specific biosystem;
Function	RNA binding; cytidine deaminase activity; hydrolase activity; metal ion binding; zinc ion binding;