

APOBEC4 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP18000c

Product Information

Application	WB, E
Primary Accession	Q8WW27
Other Accession	NP_982279.1
Reactivity	Human
Predicted	Bovine, Canine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB22077
Calculated MW	41581
Antigen Region	201-228

Additional Information

Gene ID	403314
Other Names	Putative C->U-editing enzyme APOBEC-4, 354-, Apolipoprotein B mRNA-editing enzyme catalytic polypeptide-like 4, APOBEC4, C1orf169
Target/Specificity	This APOBEC4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 201-228 amino acids from the Central region of human APOBEC4.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	APOBEC4 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	APOBEC4 (HGNC:32152)
Function	Putative deaminase whose physiological substrate is not yet known.

Tissue Location

Predominantly expressed in testis.

Background

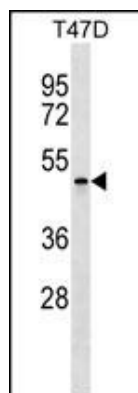
This gene encodes a member of the AID/APOBEC family of polynucleotide (deoxy)cytidine deaminases, which convert cytidine to uridine. Other AID/APOBEC family members are involved in mRNA editing, somatic hypermutation and recombination of immunoglobulin genes, and innate immunity to retroviral infection. [provided by RefSeq].

References

Prochnow, C., et al. Sci. China, C, Life Sci. 52(10):893-902(2009)

Rogozin, I.B., et al. Cell Cycle 4(9):1281-1285(2005)

Images



APOBEC4 Antibody (Center) (Cat. #AP18000c) western blot analysis in T47D cell line lysates (35ug/lane). This demonstrates the APOBEC4 antibody detected the APOBEC4 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.