

AP45646PU-N**Polyclonal Antibody to APOBEC4 - Aff - Purified**

Alternate names:	APOBEC-4, C1orf169, Putative C->U-editing enzyme APOBEC-4. Apolipoprotein B mRNA editing enzyme antibody, anti-catalytic polypeptide-like 4
Quantity:	50 µg
Background:	APOBEC4 expressed mainly in testis is a putative C to U editing enzyme whose physiological substrate is not yet known. 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.
Uniprot ID:	Q8WW27
NCBI:	NP_982279
GeneID:	403314
Host:	Rabbit
Immunogen:	Synthetic peptide directed towards the N terminal of human APOBEC4 AA Sequence: LKTSSGSLVQKGHASSCTGNYIHPESMLFEMNGYLDIAIYNNDISIRHII
Format:	State: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Purification: Purified using peptide immunoaffinity column
Applications:	Western blotting (0.2 - 1 µg/ml). Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Species Reactivity:	Tested: Human. Expected from sequence similarity: Dog, Bovine, Guinea Pig
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	"APOBEC4, a new member of the AID/APOBEC family of polynucleotide (deoxy)cytidine deaminases predicted by computational analysis." Rogozin I.B., Basu M.K., Jordan I.K., Pavlov Y.I., Koonin E.V. Cell Cycle 4:1281-1285(2005)

Pictures:

WB Suggested Anti-APOBEC4 Antibody
Titration: 0.2-1 ug/ml; ELISA Titer:
1:312500; Positive Control: Human Lung

