



APOBEC4 Polyclonal Antibody

Catalog No	YP-Ab-01536
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	APOBEC4
Immunogen	The antiserum was produced against synthesized peptide derived from human APOBEC4. AA range:309-358
Specificity	APOBEC4 Polyclonal Antibody detects endogenous levels of APOBEC4 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Putative C->U-editing enzyme APOBEC-4;EC:3.5.4.-;C1orf169;Apolipoprotein B mRNA-editing enzyme catalytic polypeptide-like 4;APOBEC4
Observed Band	40kD
Calculated Molecular Weight	40kD
Cell Pathway	
Tissue Specificity	Predominantly expressed in testis.
Function	cofactor:Zinc.,function:Putative C to U editing enzyme whose physiological substrate is not yet known.,similarity:Belongs to the cytidine and deoxycytidylate deaminase family.,tissue specificity: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, Jul 2008],



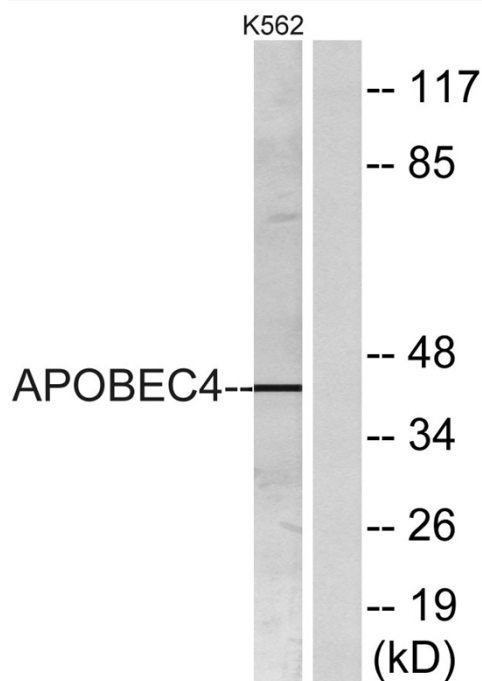
matters needing attention

Avoid repeated freezing and thawing!

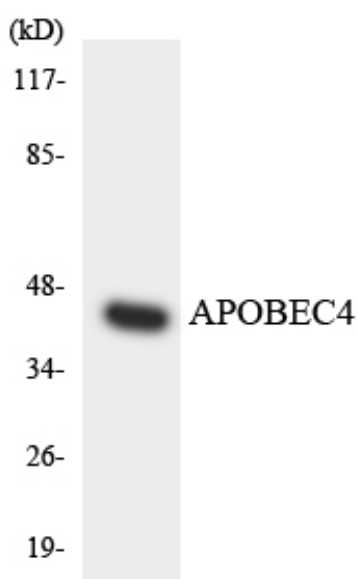
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from K562 cells, using APOBEC4 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HT-29 cells using APOBEC4 antibody.