

Anti-APOBEC3G Rabbit pAb

Purified Rabbit Polyclonal Antibody

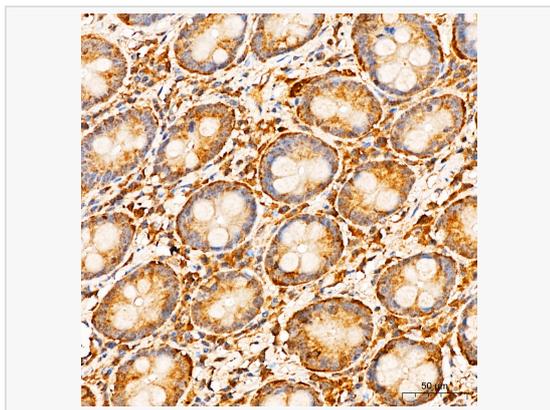
Catalog # P102456

Product Information

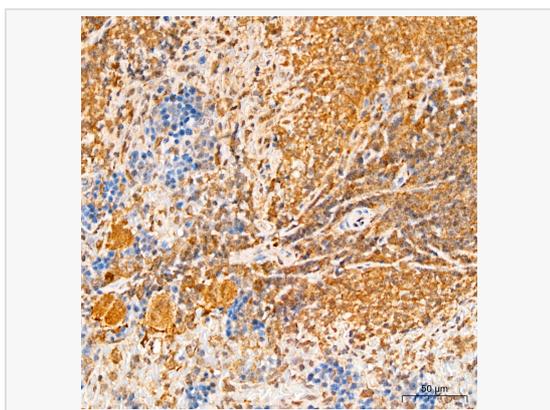
Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:2,000; IHC-P 1:50~1:200
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 60-330 of human APOBEC3G (NP_068594.1).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-APOBEC3G Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

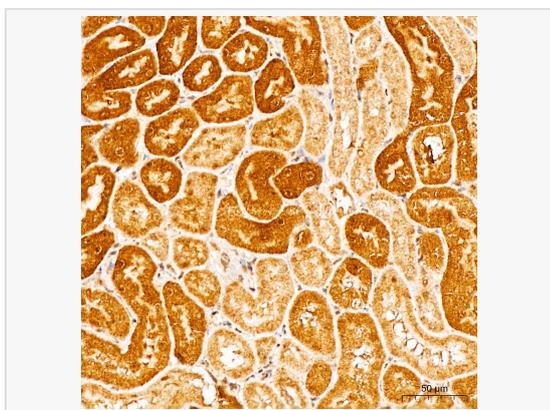
Synonyms	A3G; ARCD; ARP9; ARP-9; CEM15; CEM-15; MDS019; bK150C2.7; dJ494G10.1; APOBEC3G.
Calculated MW	Calculated MW: 46 kDa; Observed MW: 46 kDa
Uniprot ID	Q9HC16
Gene ID	60489
Background	This gene is a member of the cytidine deaminase gene family. It is one of seven related genes or pseudogenes found 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. The protein encoded by this gene catalyzes site-specific deamination of both RNA and single-stranded DNA. The encoded protein has been found to be a specific inhibitor of human immunodeficiency virus-1 (HIV-1) infectivity.



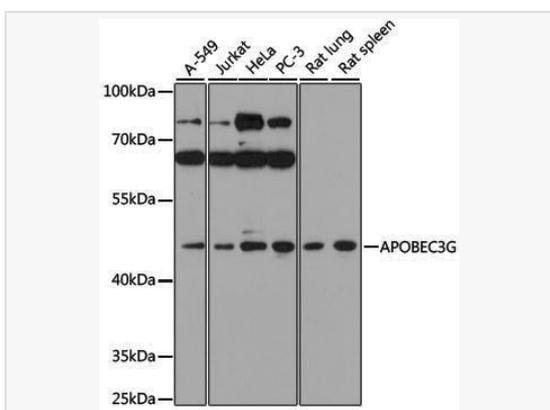
Immunohistochemistry analysis of paraffin-embedded Human colon tissue using APOBEC3G Rabbit pAb (P102456) at a dilution of 1:300 (40× lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat spleen tissue using APOBEC3G Rabbit pAb (P102456) at a dilution of 1:300 (40× lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse kidney tissue using APOBEC3G Rabbit pAb (P102456) at a dilution of 1:300 (40× lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Western blot analysis of various lysates using APOBEC3G Rabbit pAb (P102456) at 1:1,000 dilution.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
 Lysates/proteins: 25μg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Kit.
 Exposure time: 3min.