

Goat Anti-APOBEC2 (aa180 - 190) Antibody
Peptide-affinity purified goat antibody
Catalog # AF1078b**Specification**

Goat Anti-APOBEC2 (aa180 - 190) Antibody - Product Information

Application	WB, E
Primary Accession	O9Y235
Other Accession	NP_006780 , 10930 , 11811 (mouse) , 301226 (rat)
Reactivity	Human
Predicted	Mouse, Rat
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	25703

Goat Anti-APOBEC2 (aa180 - 190) Antibody - Additional Information**Gene ID** 10930**Other Names**

Probable C->U-editing enzyme APOBEC-2, 3.5.4.-, APOBEC2

Dilution

WB~~1:1000

E~~N/A

Format

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-APOBEC2 (aa180 - 190) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-APOBEC2 (aa180 - 190) Antibody - Protein Information**Name** APOBEC2**Function**

Probable C to U editing enzyme whose physiological substrate is not yet known. Does not display

detectable apoB mRNA editing. Has a low intrinsic cytidine deaminase activity. May play a role in the epigenetic regulation of gene expression through the process of active DNA demethylation.

Tissue Location

Expressed exclusively in heart and skeletal muscle.

Goat Anti-APOBEC2 (aa180 - 190) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Goat Anti-APOBEC2 (aa180 - 190) Antibody - Images

AF1078b (1 µg/ml) staining of Human Muscle lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Goat Anti-APOBEC2 (aa180 - 190) Antibody - References

Microarray analysis of tonsils in immunoglobulin A nephropathy patients. Iio K, et al. Biochem Biophys Res Commun, 2010 Mar 19. PMID 20138841.
APOBEC deaminases-mutases with defensive roles for immunity. Prochnow C, et al. Sci China C Life Sci, 2009 Oct. PMID 19911124.
Gender differences in genetic risk profiles for cardiovascular disease. Silander K, et al. PLoS One, 2008. PMID 18974842.
The APOBEC-2 crystal structure and functional implications for the deaminase AID. Prochnow C, et al. Nature, 2007 Jan 25. PMID 17187054.
The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.