

# Product datasheet

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# ARG64572 anti-APOBEC2 antibody

Package: 100 μg Store at: -20°C

#### **Summary**

Host

Immunogen

Product Description Goat Polyclonal antibody recognizes APOBEC2

Goat

Tested Reactivity Hu

Predict Reactivity Ms, Rat, Cow

Tested Application WB

Clonality Polyclonal

Isotype IgG

Target Name APOBEC2

Species Human

Conjugation Un-conjugated

Alternate Names ARCD1; Probable C->U-editing enzyme APOBEC-2; ARP1; EC 3.5.4.-

C-KPQDFEYVWQN

## **Application Instructions**

Application table	Application	Dilution
	WB	1 - 3 μg/ml
Application Note	WB: Recommend incubate at RT for 1h.  * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

# **Properties**

Form Liquid

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity

chromatography using the immunizing peptide.

Buffer Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA

Preservative 0.02% Sodium azide

Stabilizer 0.5% BSA

Concentration 0.5 mg/ml

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note For laboratory research only, not for drug, diagnostic or other use.

#### Bioinformation

Database links <u>GeneID: 10930 Human</u>

Swiss-port # Q9Y235 Human

Gene Symbol APOBEC2

Gene Full Name apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 2

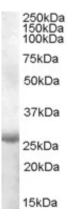
**Function** Probable C to U editing enzyme whose physiological substrate is not yet known. Does not display

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. [UniProt]

Research Area Gene Regulation antibody

Calculated Mw 26 kDa

## **Images**



#### ARG64572 anti-APOBEC2 antibody WB image

Western Blot: Human Muscle lysate (35  $\mu g$  protein in RIPA buffer) stained with ARG64572 anti-APOBEC2 (aa180 - 190) antibody at 1  $\mu g/ml$  dilution.