

## ABCA9 polyclonal antibody

Catalog: BS61300

Host: Rabbit

Reactivity: Human,Rat

### BackGround:

ABCA9 (ATP-binding cassette, sub-family A (ABC1), member 9) is a 1,624 amino acid protein belonging to the ABC transporter superfamily and the ABCA family. The ABC1 subfamily is the only major ABC subfamily exclusive to multicellular eukaryotes. Ubiquitously expressed, with high expression in heart, brain and fetal tissues, ABCA9 is a multi-pass membrane protein that contains two ABC transporter domains and exists as five alternatively spliced isoforms. ABCA9 exhibits membrane sub-cellular localization and may play a role in monocyte differentiation and lipid homeostasis. ABCA9 is up-regulated during monocyte differentiation into macrophages and down-regulated by cholesterol loading of macrophages. Spanning 85 kb, ABCA9 contains 39 exons, with a non-coding first exon. ABCA9 is one of five ABC1 family members that maps to human chromosome 17q24.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 163 kDa

### Swiss-Prot:

Q8IUA7

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

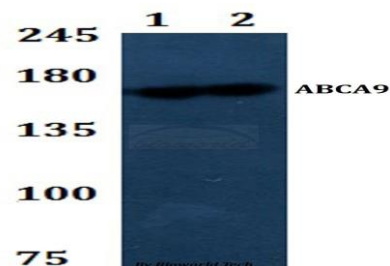
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

ABCA9 polyclonal antibody detects endogenous levels of ABCA9 protein.

### DATA:



Western blot (WB) analysis of ABCA9 polyclonal antibody at 1:500 dilution

Line1:HEK293T whole cell lysate

Line2:H9C2 whole cell lysate

### Note:

For research use only, not for use in diagnostic procedure.

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