

ABCA5 polyclonal antibody

Catalog: BS60107

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

ABCA5 (ATP-binding cassette, sub-family A (ABC1), member 5) is a 1,642 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 testis, skeletal muscle, kidney, liver and placenta, ABCA5 is a multi-pass membrane protein that contains two ABC transporter domains and exists as three alternatively spliced isoforms. ABCA5 exhibits membrane subcellular localization and may play a role in processing autolysosomes. Spanning 80 kb, ABCA5 contains 39 exons, with exon 2 containing the putative translation start site. ABCA5 is the first of five ABC1 family members that maps to human chromosome 17q24. ABCA5 is linked to lysosomal diseases and may play a role in tumor development and cardiomyocyte and follicular cell activities. ABCA5 might also be a specific urine marker for diagnosis of patients with high-grade prostatic intraepithelial neoplasia (HGPIN).

Product:

1mg/ml in PBS with 0.1% Sodium Azide, 50% Glycerol.

Molecular Weight:

~ 186 kDa

Swiss-Prot:

Q8WWZ7

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

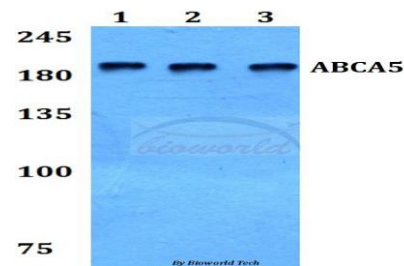
Storage&Stability:

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

Specificity:

ABCA5 polyclonal antibody detects endogenous levels of ABCA5 protein.

DATA:



Western blot (WB) analysis of ABCA5 polyclonal antibody at 1:500 dilution

Lane1:HepG2 whole cell lysate

Lane2:NIH-3T3 whole cell lysate

Lane3:H9C2 whole cell lysate

Note:

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

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