ABCA1   polyclonal antibody

Catalog: BS66192	Host: Rabbit	Reactivity: Mouse

BackGround:

The membrane-associated protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intracellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the ABC1 subfamily. Members of the ABC1 subfamily comprise the only major ABC subfamily found exclusively in multicellular eukaryotes. With cholesterol as its substrate, this protein functions as a cholesteral efflux pump in the cellular lipid removal pathway. Mutations in both alleles of this gene cause Tangier disease and familial high-density lipoprotein (HDL) deficiency.

Product:

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

Molecular Weight:

~ 254 kDa

Swiss-Prot:

O95477

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).
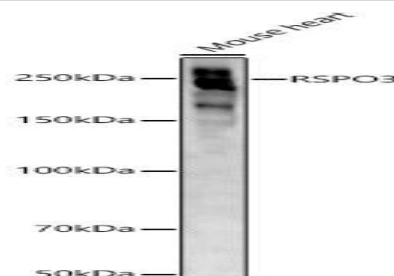
Applications:

WB,1:500 - 1:1000|IF/ICC,1:50 - 1:200

Storage&Stability:

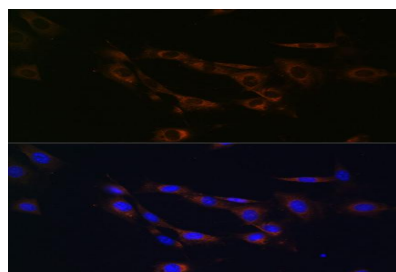Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.

Specificity:

ABCA1 polyclonal antibody detects endogenous levels of ABCA1 protein.

DATA:

Western blot analysis of lysates from Mouse heart, using ABCA1 pAb at 1:1000 dilution.

Immunofluorescence analysis of NIH/3T3 cells using ABCA1 pAb at dilution of 1:100 (40x lens).

Note:

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