bs-12956R **[Primary Antibody]**

phospho-ABCA1 (Ser2054) Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 19 **SWISS:** O95477

Target: ABCA1 (Ser2054)

Immunogen: KLH conjugated synthesised phosphopeptide derived from human ABCA1 around the phosphorylation site of Ser2054: KL(p-S)TA.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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. [provided by RefSeq, Sep 2019]

Applications: **ICC/IF** (1:100-500)
ELISA (1:5000-10000)

Reactivity: Mouse (predicted: Human, Rat, Pig, Dog)

Predicted MW.: 254 kDa

Subcellular Location: Cell membrane