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## **ABCA1 (C) Antibody, Rabbit Polyclonal**

**Cat#: R0218-1**

**Quantity: 100 ul**

**Predicted M.W.: 254 kDa**

**Lot#: Refer to vial**

**Application: WB**

**Uniprot ID: O95477**

### **Background:**

ATP-binding cassette, sub-family A, member 1 (ABCA1) is a membrane associated protein that belongs to the superfamily of ATP-binding cassette transporters. Members of the ABC sub-family A comprise the only major ABC subfamily found exclusively in multicellular eukaryotes. ABCA1 plays a pivotal role in influencing intracellular cholesterol transport. It binds to cholesterol and functions as an efflux pump in the cellular lipid removal pathway. Mutations in this gene have been implicated with Tangier's disease and familial high-density lipoprotein deficiency.

### **Other Names:**

ABC-1, ABC1, CERP, FLJ14958, HDLDT1, MGC164864, MGC165011, TGD, AP-binding cassette 1, Cholesterol efflux regulatory protein

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human ABCA1. Antibodies were purified by affinity purification using immunogen.

### **Storage Buffer and Condition:**

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN<sub>3</sub>. Store at -20 °C. Stable for 6 months from date of receipt.

### **Species Specificity:**

Human

### **Tested Applications:**

WB: 1:1,000-1:5,000 (detect endogenous protein\*)

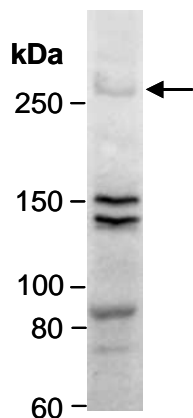
\*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.



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**Product Data:**



**Fig 1.** Western blot of total cell extracts from human THP1, using Ab (R0218-1) at RT for 2 h.

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Last Update: 08/2011

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