# ABCA1 Rabbit pAb

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>A7228</th>
<th>Category</th>
<th>Polyclonal Antibodies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applications</td>
<td>WB</td>
<td>Observed MW</td>
<td>254kDa</td>
</tr>
<tr>
<td>Cross-reactivity</td>
<td>Human, Mouse</td>
<td>Calculated MW</td>
<td>254kDa</td>
</tr>
</tbody>
</table>

## Immunogen Information

**Immunogen**
Recombinant fusion protein containing a sequence corresponding to amino acids 1870-2120 of human ABCA1 (NP_005493.2).

**Gene ID**
19

**Swiss prot**
O95477

**Synonyms**
ABCA1; ABC-1; ABC1; CERP; HDLDT1; TGD

## Product information

**Source**
Rabbit

**Isotype**
IgG

**Purification method**
Affinity purification

**Storage**
Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

## 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 cholesterol efflux pump in the cellular lipid removal pathway. Mutations in this gene have been associated with Tangier's disease and familial high-density lipoprotein deficiency.

## Recommended Dilutions

**WB**
1:500 - 1:2000