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Datasheet for ABIN872608  
**anti-ABCA2 antibody (AA 1901-2100)**

### Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µL  |
| Target:              | ABCA2   |
| Binding Specificity: | AA 1901-2100  |
| Reactivity:          | Human   |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal  |
| Conjugate:           | This ABCA2 antibody is un-conjugated  |
| Application:         | ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

### Product Details

|                       |   |
|-----------------------|---|
| Immunogen:            | KLH conjugated synthetic peptide derived from human ABCA2 |
| Isotype:              | IgG   |
| Predicted Reactivity: | Human,Mouse,Rat,Dog,Cow,Horse                             |
| Purification:         | Purified by Protein A.                                    |

### Target Details

|                   |  |
|-------------------|--|
| Target:           | ABCA2                                    |
| Alternative Name: | Abca2 ( <a href="#">ABCA2 Products</a> ) |

## Target Details

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**Background:** Synonyms: ABC2, ATP binding cassette 2, ATP binding cassette sub family A member 2, ATP binding cassette transporter 2, ATP binding cassette, sub family A ABC1, member 2, ATP binding cassette, sub family A, member 2, ATP binding cassette, sub family B MDR/TAP, member 2, ABCA2\_HUMAN.

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. This protein is highly expressed in brain tissue and may play a role in macrophage lipid metabolism and neural development. Two transcript variants encoding different isoforms have been found for this gene (from EntrezGene).

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**Gene ID:** 20

## Application Details

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**Application Notes:** ELISA 1:500-1000  
IHC-P 1:200-400  
IHC-F 1:100-500  
IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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**Buffer:** 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

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**Preservative:** ProClin

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**Precaution of Use:** This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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**Storage:** 4 °C, -20 °C

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**Storage Comment:** Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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## Handling

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Expiry Date: 12 months