

## Rabbit anti-Mouse, Rat ATP Binding Cassette Transporter G8 Polyclonal Antibody | anti-ABCG8 antibody

Polyclonal Antibody to ATP Binding Cassette Transporter G8 (ABCG8)

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                   |
|-----------|--------|------------|----------------------------------------------------------------|
| AAA145762 | Rabbit | Mouse, Rat | ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot |

### PRODUCT SYNONYMS

ATP Binding Cassette Transporter G8; Polyclonal Antibody; Polyclonal Antibody to ATP Binding Cassette Transporter G8 (ABCG8); ABC-G8; STSL; Gallbladder Disease 4; Sterolin 2; ATP-binding cassette sub-family G member 8; anti-ABCG8 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Reactivity                                      | Mouse, Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Clonality                                       | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Specificity                                     | The antibody is a rabbit polyclonal antibody raised against ABCG8. It has been selected for its ability to recognize ABCG8 in immunohistochemical staining and western blotting.                                                                                                                                                                                                                                                                                    |
| Purity/Purification                             | Affinity Chromatography                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Form/Format                                     | Supplied as solution form in PBS, pH7.4, Containing 0.02% NaN <sub>3</sub> , 50% glycerol.                                                                                                                                                                                                                                                                                                                                                                          |
| Concentration                                   | 500ug/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Sequence Length                                 | 673                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Applicable Applications for anti-ABCG8 antibody | ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)                                                                                                                                                                                                                                                                                                                                                                                     |
| Fragment                                        | ABCG8 (Met1~Gln272)                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Conjugate                                       | No Conjugate                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Cross Reactivity                                | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Immunoglobulin Type                             | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Quality Control                                 | Content: The quality control contains recombinant ABCG8 (Met1~Gln272) disposed in loading buffer.<br>Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.<br>5uL per well when used in enhanced chemiluminescent (ECL).<br>Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.<br>Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol,BPB 0.01%, NaN <sub>3</sub> 0.02%. |
| Conjugated Antibody                             | The APC conjugated antibody version of this item is also available as                                                                                                                                                                                                                                                                                                                                                                                               |
| Preparation and Storage                         | Store at 4 degree C for frequent use. Stored at -20 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                       |

IMAGES



IHC (Immunohistochemistry)  
DAB staining on formalin fixed paraffin- embedded liver tissue



WB (Western Blot)  
Western Blot: Sample: Recombinant protein.

NCBI AND UNIPROT INFORMATION

|                                  |                                                      |
|----------------------------------|------------------------------------------------------|
| NCBI GI #                        | 553727104                                            |
| NCBI GeneID                      | 67470                                                |
| NCBI Accession #                 | NP_001272934.1                                       |
| NCBI GenBank Nucleotide #        | NM_001286005.1                                       |
| UniProt Accession #              | Q9DBM0; Q8R543                                       |
| Molecular Weight                 | 75,909 Da                                            |
| NCBI Official Full Name          | ATP-binding cassette sub-family G member 8 isoform 2 |
| NCBI Official Synonym Full Names | ATP binding cassette subfamily G member 8            |
| NCBI Official Symbol             | Abcg8                                                |
| NCBI Official Synonym Symbols    | AI114946; sterolin-2; 1300003C16Rik                  |
| NCBI Protein Information         | ATP-binding cassette sub-family G member 8           |
| UniProt Protein Name             | ATP-binding cassette sub-family G member 8           |
| UniProt Gene Name                | Abcg8                                                |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.