

## Rabbit ATP Binding Cassette Transporter D4 Polyclonal Antibody | anti-ABCD4 antibody

Polyclonal Antibody to ATP Binding Cassette Transporter D4 (ABCD4)

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                                   |
|-----------|--------|-------------------|----------------------------------------------------------------|
| AAA145696 | Rabbit | Human, Mouse, Rat | ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot |

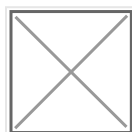
### PRODUCT SYNONYMS

ATP Binding Cassette Transporter D4; Polyclonal Antibody; Polyclonal Antibody to ATP Binding Cassette Transporter D4 (ABCD4); ABC-D4; ABC41; P70R; P79R; PMP69; PXMP1L; PMP70-related protein; Peroxisomal membrane protein 1-like; Peroxisomal membrane protein 69; anti-ABCD4 antibody

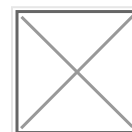
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Reactivity                                      | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Clonality                                       | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Specificity                                     | The antibody is a rabbit polyclonal antibody raised against ABCD4. It has been selected for its ability to recognize ABCD4 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)                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Applicable Applications for anti-ABCD4 antibody | ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)                                                                                                                                                                                                                                                                                                                                                                                       |
| Fragment                                        | ABCD4 (Leu356~Glu606)                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Conjugate                                       | No Conjugate                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Cross Reactivity                                | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Immunoglobulin Type                             | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Quality Control                                 | Content: The quality control contains recombinant ABCD4 (Leu356~Glu606) 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 IHC-P; Samples: Human Kidney Tissue



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

**WB (Western Blot)**

Western Blot: Sample: Recombinant protein.

**WB (Western Blot)**

Western Blot: Sample: Human Jurkat cell lysate; Primary Ab: 2ug/ml Rabbit Anti-Human ABCD4 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

**NCBI AND UNIPROT INFORMATION**

|                                  |                                                      |
|----------------------------------|------------------------------------------------------|
| NCBI GI #                        | 4826958                                              |
| NCBI GeneID                      | 5826                                                 |
| NCBI Accession #                 | NP_005041.1                                          |
| NCBI GenBank Nucleotide #        | NM_005050.3                                          |
| UniProt Accession #              | O14678; Q6IAQ0; Q96E75; A8K5L7                       |
| Molecular Weight                 | 68,597 Da                                            |
| NCBI Official Full Name          | ATP-binding cassette sub-family D member 4 isoform a |
| NCBI Official Synonym Full Names | ATP binding cassette subfamily D member 4            |
| NCBI Official Symbol             | ABCD4                                                |
| NCBI Official Synonym Symbols    | P70R; P79R; ABC41; MAHCJ; PMP69; PXMP1L; EST352188   |
| NCBI Protein Information         | ATP-binding cassette sub-family D member 4           |
| UniProt Protein Name             | ATP-binding cassette sub-family D member 4           |
| UniProt Gene Name                | <b>ABCD4</b>                                         |
| UniProt Synonym Gene Names       | PXMP1L; P70R; PXMP1-L; PMP69                         |

**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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/atp-binding-cassette-transporter-d4-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/145696>