



# ABCA6 Polyclonal Antibody

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>         | BYab-00649                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Isotype</b>            | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Reactivity</b>         | Human;Rat;Mouse;                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Applications</b>       | WB;ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Gene Name</b>          | ABCA6                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Protein Name</b>       | ATP-binding cassette sub-family A member 6                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Immunogen</b>          | Synthesized peptide derived from ABCA6 . at AA range: 1180-1260                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Specificity</b>        | ABCA6 Polyclonal Antibody detects endogenous levels of ABCA6 protein.                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Formulation</b>        | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Source</b>             | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Purification</b>       | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                                                                                                                     |
| <b>Dilution</b>           | Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Concentration</b>      | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Purity</b>             | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Storage Stability</b>  | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Synonyms</b>           | ABCA6; ATP-binding cassette sub-family A member 6                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Observed Band</b>      | 185kD                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Cell Pathway</b>       | Golgi apparatus membrane ; Multi-pass membrane protein .                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Tissue Specificity</b> | Widely expressed with higher expression in liver.                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Function</b>           | developmental stage:Expressed in fetal kidney, lung and liver.,function:Probable transporter which may play a role in macrophage lipid homeostasis.,induction:Up-regulated during monocyte differentiation into macrophages. Down-regulated by cholesterol loading of macrophages.,similarity:Belongs to the ABC transporter family. ABCA subfamily.,similarity:Contains 2 ABC transporter domains.,tissue specificity:Widely expressed with higher expression in liver., |
| <b>Background</b>         | 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,                                                                                                                                                                 |

**Nanjing BYabscience technology Co.,Ltd**



GCN20, and White). This encoded 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 gene is clustered among 4 other ABC1 family members on 17q24 and may play a role in macrophage lipid homeostasis. [provided by RefSeq, Jul 2008],

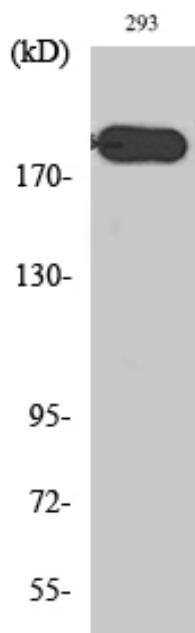
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of various cells using ABCA6 Polyclonal Antibody