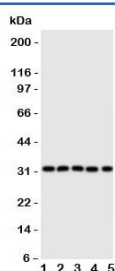


Aquaporin 9 Antibody (R31206)

| Catalog No. | Formulation | Size |
|-------------|---|--------|
| R31206 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

Bulk quote request

| | |
|---------------------------|--|
| Availability | 1-3 business days |
| Species Reactivity | Mouse |
| Format | Antigen affinity purified |
| Host | Rabbit |
| Clonality | Polyclonal (rabbit origin) |
| Isotype | Rabbit IgG |
| Purity | Antigen affinity |
| Buffer | Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal |
| UniProt | Q9JJJ3 |
| Applications | Western Blot : 0.5-1ug/ml |
| Limitations | This Aquaporin 9 antibody is available for research use only. |



Western blot testing of Aquaporin 9 antibody and Lane 1: mouse liver; 2: (m) lung; 3: (m) spleen; 4: (m) testis; 5: rat PC-12 lysate. Predicted molecular weight ~32 kDa.

Description

Aquaporin-9 is a protein that in humans is encoded by the AQP9 gene. The gene encodes a 295-amino-acid protein with the amino acid sequence identity with AQP3(48%), AQP7(45%), and other aquaporins (approximately 30%), suggesting that AQP3, AQP7, and AQP9 belong to a subfamily of the aquaporin family. AQP9 is the major glycerol channel in mouse erythrocytes and suggest that this transport pathway may contribute to the virulence of intraerythrocytic stages of malarial infection.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the Aquaporin 9 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the C-terminus of mouse Aquaporin 9 (VLFIQMHHSPDPEVK) was used as the immunogen for this Aquaporin 9 antibody.

Storage

After reconstitution, the Aquaporin 9 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.