

AQP9 Rabbit pAb

CatalogNo: YN0457

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, ELISA

MW

- 32kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human protein . at AA range: 160-240

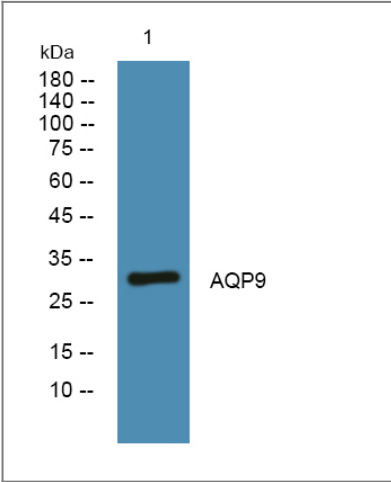
Specificity AQP9 Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name AQP9 SSC1

Protein Name	Aquaporin-9 (AQP-9) (Aquaglyceroporin-9) (Small solute channel 1)		
	Organism	Gene ID	UniProt ID
	Human	366;	O43315;
	Mouse		Q9JJJ3;
	Rat		P56627;
Cellular Localization	Cell membrane ; Multi-pass membrane protein .		
Tissue specificity	Highly expressed in peripheral leukocytes. Also expressed in liver, lung, and spleen.		
Function	<p>Domain:Aquaporins contain two tandem repeats each containing three membrane-spanning domains and a pore-forming loop with the signature motif Asn-Pro-Ala (NPA).,Function:Forms a channel with a broad specificity. Mediates passage of a wide variety of non-charged solutes including carbamides, polyols, purines, and pyrimidines in a phloretin- and mercury-sensitive manner, whereas amino acids, cyclic sugars, Na(+), K(+), Cl(-), and deprotonated monocarboxylates are excluded. Also permeable to urea but not to glycerol.,similarity:Belongs to the MIP/aquaporin (TC 1.A.8) family.,tissue specificity:Highly expressed in peripheral leukocytes. Also expressed in liver, lung, and spleen.,</p>		

Validation Data



Western blot analysis of lysates from A431 cells, primary antibody was diluted at 1:1000, 4°over night

Contact information

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