



Rabbit polyclonal antibody to Aquaporin 5 (245-259): Affinity purified

Catalogue No.:	R-1138-100
Description:	Aquaporin 5 functions as a water-specific channel and is expressed in secretory glands, lung and eye where it works in modulating the rate of fluid release.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	A synthetic peptide (PDEDWEEQREERKKT) corresponding to a region (245-259) from human Aquaporin 5. To enhance the immunological response, this peptide was coupled to carrier protein BSA.
Other Names:	Aquaporin-5; AQP-5; AQP5;
Accession:	P55064 AQP5_HUMAN; P47864 AQP5_RAT;
Produced in:	Rabbit
Purity:	Affinity purified on antigen column
Applications:	Western Blotting (WB). A concentration of 1.0 ug/mL is recommended for WB. Human Aquaporin 5 has a predicted length of 265 amino acids and MW of 28 kDa. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	The specificity of this antibody has been confirmed by WB against the antigen.
Cross-reactivity:	Rat; predicted to react with human and mouse due to sequence homology;
Form:	Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg Na ₃
Reconstitution:	Reconstitute in 100 uL of sterile distilled water to achieve an antibody concentration of 1 mg/mL. Centrifuge to remove any insoluble material.
Storage:	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles
Expiry Date:	12 months after purchase

FOR RESEARCH USE ONLY