

Datasheet for ABIN540601

anti-Aquaporin 5 antibody (C-Term)



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1 Image

1 Publication

Overview

Quantity:	100 µg
Target:	Aquaporin 5 (AQP5)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Aquaporin 5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Rabbit polyclonal antibody raised against synthetic peptide of AQP5.
Immunogen:	A synthetic peptide corresponding to amino acids at C-terminus of human AQP5.
Isotype:	IgG
Specificity:	Different to the related rat sequence by three amino acids.
Cross-Reactivity:	Human, Mouse, Rat

Target Details

Target:	Aquaporin 5 (AQP5)
Alternative Name:	Aquaporin-5 (AQP5 Products)
Gene ID:	362

Application Details

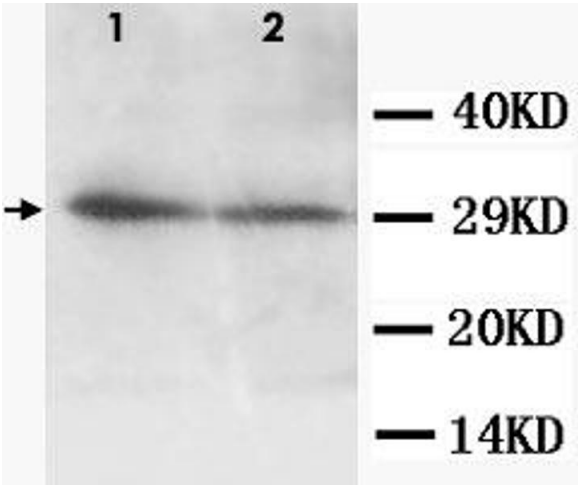
Application Notes:	Western Blot (1 µg/mL) The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ (5 mg BSA, 0.05 mg sodium azide, 0.05 mg Thimerosal)
Preservative:	Sodium azide, Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate) and Sodium azide: POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C on dry atmosphere. After reconstitution with 200 uL of deionized water and concentration will be 500 ug/mL, store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in:	Verkman: "Role of aquaporin water channels in eye function." in: Experimental eye research , Vol. 76, Issue 2, pp. 137-43, (2003) (PubMed).
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Western Blotting

Image 1. Western Blot analysis of AQP5 expression from cell extracts with AQP5 polyclonal antibody . Lane 1 : rat lung tissue lysate. Lane 2 : rat lung tissue lysate.