



# Magic™ Rabbit Anti-Human AQP6 Monoclonal antibody, clone 286H7 (DMAB-CPT264)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Target</b>	Human AQP6
<b>Immunogen</b>	AQP6 fusion protein
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Clone</b>	286H7
<b>Purification</b>	Protein A purification
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	CBA(Det) We recommend the following antibodies for sandwich immunoassay (Capture - Detection): DMAB-CPT263 - DMAB-CPT264 Cytometric Bead Array: 0.78-100 ng/mL
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	PBS only
<b>Preservative</b>	None
<b>Storage</b>	Store at -80°C.

# BACKGROUND

## Introduction

AQP6 (Aquaporin-6) is a unique kidney-specific protein channel, primarily located in intracellular membranes, that functions more as an anion channel (like chloride, nitrate) than a water channel, especially in low pH conditions, playing roles in kidney cell regulation, acid-base balance, and potentially endocytosis, differing from typical water-transporting aquaporins.

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## Keywords

AQP6; Aquaporin-6; AQP 6; AQP2L; Aquaporin 2 like; Aquaporin 6; aquaporin 6, kidney specific; Kidney specific aquaporin

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# GENE INFORMATION

## Entrez Gene ID

[363](#)

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## UniProt ID

[Q13520](#)

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