



# Rabbit Anti-Human AQP7 Polyclonal antibody (CPBT-28021RH)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	AQP7 fusion protein, sequence: LAAATIYSLFYTAILHFSGGQLMVTGPVATAGIFATYLPDHMTLWRGFLNEAWLT (125-179aa encoded by BC062701)
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse
<b>Purification</b>	Antigen affinity purification
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IP, IHC, ELISA
<b>Format</b>	Liquid
<b>Size</b>	50 µl, 100 µl
<b>Buffer</b>	PBS with 0.1% sodium azide and 50% glycerol pH 7.3.
<b>Preservative</b>	0.1% Sodium Azide
<b>Storage</b>	Store at -20°C. Aliquoting is unnecessary for -20°C storage.

## BACKGROUND

<b>Introduction</b>	Aquaporins/major intrinsic protein (MIP) are a family of water-selective membrane channels. Aquaporin 7 has greater sequence similarity with AQP3 and AQP9 and they may be a
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subfamily. Aquaporin 7 and AQP3 are at the same chromosomal location suggesting that 9p13 may be a site of an aquaporin cluster. Aquaporin 7 facilitates water, glycerol and urea transport. It may play an important role in sperm function.

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<b>Keywords</b>	AQP7; aquaporin 7; AQP9; AQP7L; AQPap; GLYCQTL; aquaporin-7; AQP-7; aquaporin adipose; aquaglyceroporin-7;
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## GENE INFORMATION

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<b>Entrez Gene ID</b>	<a href="#">364</a>
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<b>UniProt ID</b>	<a href="#">O14520</a>
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