

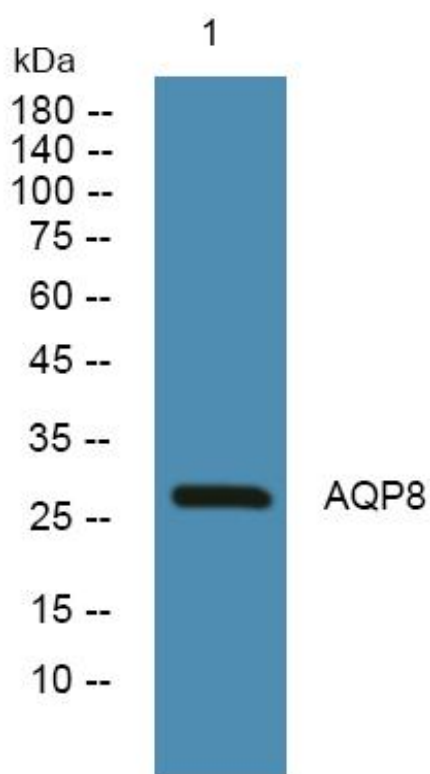


# AQP8 Monoclonal Antibody

<b>Catalog No</b>	YP-mAb-05330
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat
<b>Applications</b>	WB
<b>Gene Name</b>	AQP8
<b>Protein Name</b>	Aquaporin-8 (AQP-8)
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 70-150
<b>Specificity</b>	AQP8 Monoclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-1:2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	28kD
<b>Cell Pathway</b>	Mitochondrion membrane ; Multi-pass membrane protein .
<b>Tissue Specificity</b>	Detected in the sperm midpiece (at protein level) (PubMed:28042826). Expressed only in pancreas and colon.
<b>Function</b>	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 water-specific channel; mercury-sensitive. Not permeable to glycerol or urea.,similarity:Belongs to the MIP/aquaporin (TC 1.A.8) family.,tissue specificity:Expressed only in pancreas and colon.,
<b>Background</b>	Aquaporin 8 (AQP8) is a water channel protein. Aquaporins are a family of small integral membrane proteins related to the major intrinsic protein (MIP or AQP0). Aquaporin 8 mRNA is found in pancreas and colon but not other tissues. [provided by RefSeq, Jul 2008],
<b>matters needing attention</b>	Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**

Western Blot analysis of various cells using AQP8 Monoclonal Antibody