

Product datasheet for **AP50221PU-N**

Aquaporin 5 (AQP5) (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1/1000. Western blotting: 1/1000.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 227-256 amino acids from the C-terminal region of human AQP5
Specificity:	This antibody reacts to Aquaporin-5.
Formulation:	PBS containing 0.09% (W/V) sodium azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	aquaporin 5
Database Link:	Entrez Gene 362 Human P55064
Background:	Aquaporin 5 (AQP5) is a water channel protein. Aquaporins are a family of small integral membrane proteins related to the major intrinsic protein (MIP or AQP0). Aquaporin 5 plays a role in the generation of saliva, tears and pulmonary secretions. AQP0, AQP2, AQP5, and AQP6 are closely related and all map to 12q13
Synonyms:	AQP-5

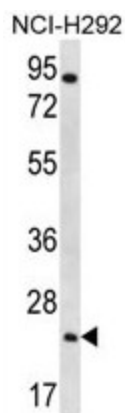


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Note: **Molecular Weight:** 28292 Da

Protein Families: Druggable Genome, Transmembrane

Product images:



AQP5 Antibody (C-term) western blot analysis in NCI-H292 cell line lysates (35ug/lane). This demonstrates the AQP5 antibody detected the AQP5 protein (arrow).