

## AQP5 Conjugated Antibody

Catalog No: #C29573



Package Size: #C29573-AF350 100ul #C29573-AF405 100ul #C29573-AF488 100ul  
 #C29573-AF555 100ul #C29573-AF594 100ul #C29573-AF647 100ul  
 #C29573-AF680 100ul #C29573-AF750 100ul #C29573-Biotin 100ul

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## Description

Product Name	AQP5 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human AQP5 (NP_001642.1).
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	AQP5;AQP-5;PPKB
Accession No.	Swiss Prot:P55064GenelD:362
Uniprot	P55064
GenelD	362;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	28kDa
SDS-PAGE MW	34kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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## Background

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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.

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Note: This product is for in vitro research use only