

AQP9 Conjugated Antibody

Catalog No: #C43256



Package Size: #C43256-AF350 100ul #C43256-AF405 100ul #C43256-AF488 100ul
 #C43256-AF555 100ul #C43256-AF594 100ul #C43256-AF647 100ul
 #C43256-AF680 100ul #C43256-AF750 100ul #C43256-Biotin 100ul

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Description

Product Name	AQP9 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total AQP9 protein.
Immunogen Description	Synthetic peptide of human AQP9
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	SSC1; AQP-9; HsT17287
Accession No.	Swiss-Prot#:O43315NCBI Gene ID:366NCBI mRNA#:NP_066190NCBI Protein#:
Uniprot	O43315
GeneID	366;
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	31KD
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

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

Background

The aquaporins are a family of water-selective membrane channels. The protein encoded by this gene allows passage of a wide variety of noncharged solutes. It stimulates urea transport and osmotic water permeability; there are contradicting reports about its role in providing glycerol permeability. The encoded protein may also play a role in specialized leukocyte functions such as immunological response and bactericidal activity.?

Note: This product is for in vitro research use only