

AQP3 Antibody FITC Conjugated

Catalog No: #C02086F

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Description

Product Name	AQP3 Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 266-292 292 derived from mouse AQP3
Conjugates	FITC
Target Name	AQP3
Other Names	AQP-2; Aquaporin-3; AQP-3; Aquaglyceroporin-3; Aqp3
Accession No.	Swiss-Prot#Q8R2N1NCBI Gene ID11828
Uniprot	Q8R2N1
GeneID	11828;
Excitation Emission	494nm 518nm
Cell Localization	Cytoplasm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

IF=1:50-200

Background

Water channel required to promote glycerol permeability and water transport across cell membranes. Acts as a glycerol transporter in skin and plays an important role in regulating SC (stratum corneum) and epidermal glycerol content. Involved in skin hydration, wound healing, and tumorigenesis. Provides kidney medullary collecting duct with high permeability to water, thereby permitting water to move in the direction of an osmotic gradient. Slightly permeable to urea and may function as a water and urea exit mechanism in antidiuresis in collecting duct cells. It may play an important role in gastrointestinal tract water transport and in glycerol metabolism.

Note: This product is for in vitro research use only