



# Aqp1

## Water-specific channel

### Antibody Information

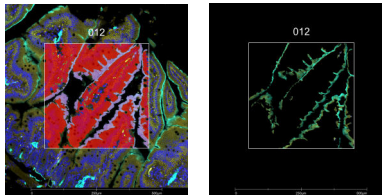
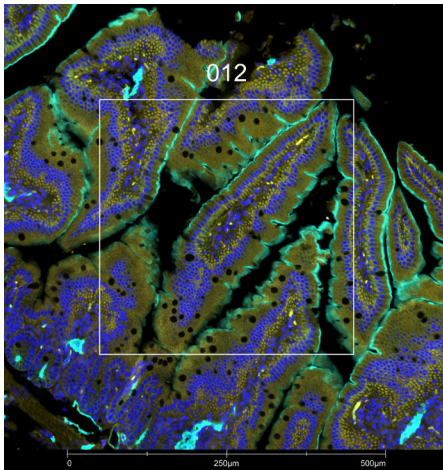
Clone ID	EPR11588(b)
Fluorophore	AF647
Antibody Concentration	0.5 µg/mL
Mono or Polyclonal	Mono
Host & Isotype	Rabbit IgG
Lot Tested	GR3380080-1

### Immunofluorescent Screening Information

Tissue Type	FFPE Mouse kidney, small intestine, lung, heart
Section Thickness	5 µm
HIER	10 min 100°C
Proteinase K Concentration	1 µg/mL
Fixation/Embedding	FFPE

### Vendor Information

Vendor	Abcam
Catalog Number/Web Link	<a href="#">ab225225</a>



Aqp1 (cyan) localizes to water-specific channels in mouse colon (left image). The expression pattern of these Aqp1+ water channels can be isolated from Laminin+ basement membrane (yellow) through GeoMx segmentation (right image).

### Legend

Aqp1: cyan  
 Laminin: yellow  
 SYTO13: blue  
 Segmentation for Aqp1: purple  
 Segmentation for Laminin: red

### Stained Image Data

Exposure Time	300 ms
Signal-to-Noise	17.2
ROI Type	Geometric or Segmented

\* Recommendations above are meant to act as a starting point for your own experimental optimization

For more information, please visit [nanosttring.com/GeoMxDSP](https://nanosttring.com/GeoMxDSP)

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