

Phospho-Aquaporin 2 (Ser264) Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic phospho-peptide corresponding to amino acid residues surrounding Ser264 of rat AQP2 conjugated to KLH
Form	Liquid
Purification	Affinity chromatography
Storage buffer	0.01M HEPES, pH 7.5, with 0.15M NaCl, 50% glycerol, 0.1mg/mL BSA
Contains	no preservative
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2552697

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	1 Publication
Immunohistochemistry (IHC)	1:100	-

Product Specific Information

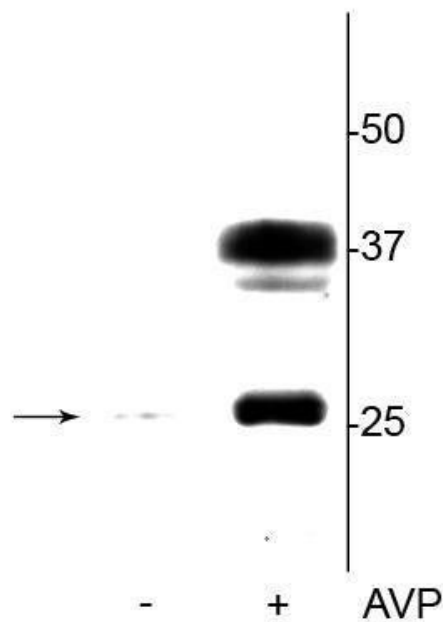
This antibody is predicted to react with canine, bovine, chicken, human, mouse and non-human primate based on 100% sequence homology.

PA5-35387 is specific for the ~29kDa AQP2 protein phosphorylated at Ser264, and also recognizes the glycosylated form of AQP2 at ~37kDa. This antibody contains enough material to conduct 10 mini-Western blots.

Product Images For Phospho-Aquaporin 2 (Ser264) Polyclonal Antibody

Phospho-Aquaporin 2 (Ser264) Antibody (PA5-35387) in WB

Western blot of Aquaporin 2 in rat kidney lysate showing specific immunolabeling of a bands at ~29 kDa and 37 kDa corresponding to glycosylated form of the Phospho-Aquaporin 2 (Ser264) polyclonal antibody (Product # PA5-35387) in the vasopressin (AVP) treated lane (+), but not in the control lane (-).



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1 Reference

Western Blot (1)

American journal of physiology. Renal physiology	Year
Phosphatase inhibition increases AQP2 accumulation in the rat IMCD apical plasma membrane.	2016
"Published figure using Phospho-Aquaporin 2 (Ser264) polyclonal antibody (Product # PA5-35387) in Western Blot"	
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