

Product Datasheet

Aquaporin 4/AQP4 Rabbit Polyclonal Antibody (orb97063)

Catalog Number	orb97063
Category	Antibodies
Description	Aquaporin 4/AQP4 Rabbit Polyclonal Antibody
Target	Aquaporin-4
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	Rabbit IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Form/Appearance	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 µg/ml.
Buffer/Preservatives	Each vial contains 4 mg Trehalose, 0.9 mg NaCl and 0.2 mg Na ₂ HPO ₄ .
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Purification	Immunogen affinity purified.
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Aquaporin 4, different from the related rat and mouse sequences by two amino acids.
UniProt ID	P55087

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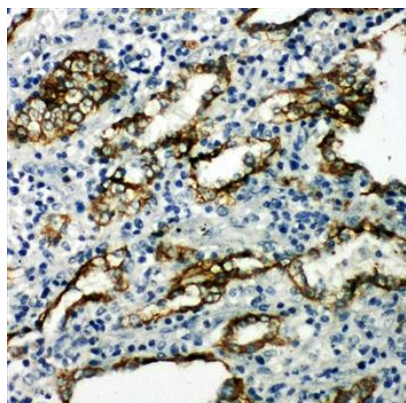
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MW	24 kDa
Tested applications	IHC, WB
Dilution range	Western blot, 0.1-0.5µg/ml, Mouse, Rat Immunohistochemistry (Paraffin-embedded Section), 2-5µg/ml, Human, Mouse, Rat
Specificity	No cross reactivity with other proteins.
Cross Reactivity	No cross-reactivity with other proteins
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Immunohistochemical analysis of formalin-fixed paraffin embedded Human Lung Cancer Tissue using AQP4 antibody

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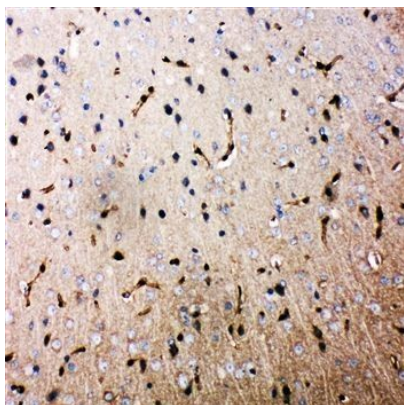
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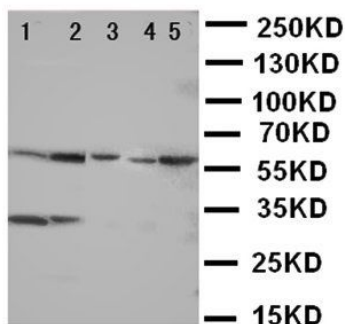
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Immunohistochemical analysis of formalin-fixed paraffin embedded Rat Brain Tissue using AQP4 antibody



Western blot analysis of Lane 1: Rat Heart Tissue Lysate, Lane 2: Rat Brain Tissue Lysate, Lane 3: Rat Kidney Tissue Lysate, Lane 4: HT1080 Cell Lysate, Lane 5: MCF-7 Cell Lysate, Lane 6: COLO320 Cell Lysate using AQP4 antibody

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