

Product Datasheet

Aquaporin 4 Rabbit Polyclonal Antibody (orb10125)

Catalog Number	orb10125
Category	Antibodies
Description	Aquaporin 4 Rabbit Polyclonal Antibody
Target	Aquaporin 4
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Form/Appearance	10 mM PBS, 0.02% sodium azide
Concentration	- 100 µg (in 200 µl): 0.5 mg/ml- 200 µg (in 400 µl): 0.5 mg/ml
Purity	Polyclonal antibodies are purified by peptide affinity chromatography
Immunogen	KLH conjugated synthetic peptide derived from human Aquaporin 4. Please contact us for the exact immunogen sequence. The peptide is available as orb72341.
UniProt ID	P47863, P55088, P55087
RRID	AB_10753182
MW	35 kDa

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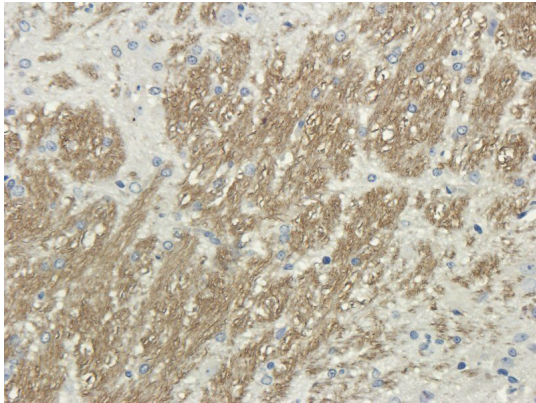
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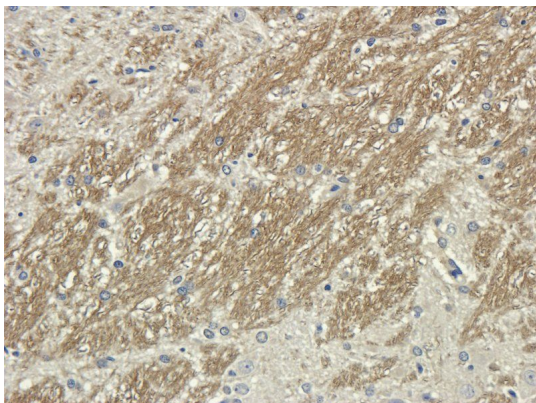
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Tested applications	ELISA, IHC-P, WB
Dilution range	IHC-P: 1:100-1000, WB: 1:100-2000, (based on 0.5 mg/ml)
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Entrez	361
NCBI	001650, 001641
Expiration Date	12 months from date of receipt.



Immunohistochemical staining of paraffin embedded rat brain tissue using anti-Aquaporin 4 (2.5 ug/ml)



IHC-P staining of rat brain tissue using Aquaporin 4 antibody (2.5 ug/ml)

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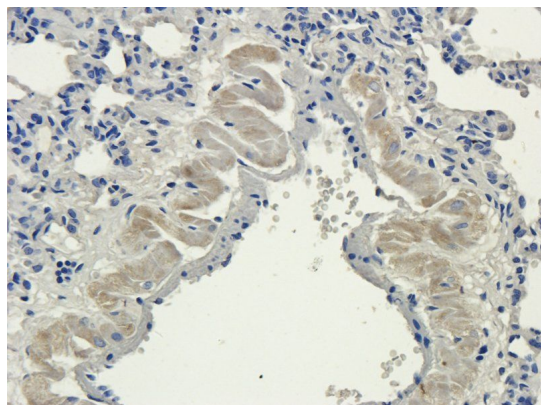
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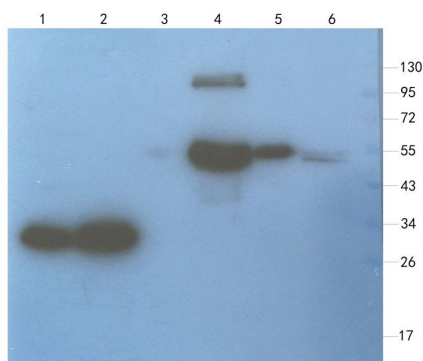
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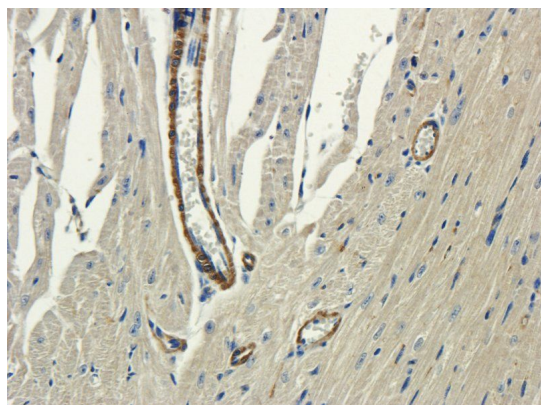
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IHC-P image of rat lung tissue using anti-Aquaporin 4 (2.5 ug/ml)



WB analysis of mouse brain (lane 1), mouse medulla (lane 2), rat muscle (lane 3), human breast cancer (lane 4), human thyroid tumour (lane 5), U251 cells (lane 6) using Aquaporin 4 antibody (1 ug/ml)



IHC-P staining of mouse heart tissue using Aquaporin 4 antibody (2.5 ug/ml)

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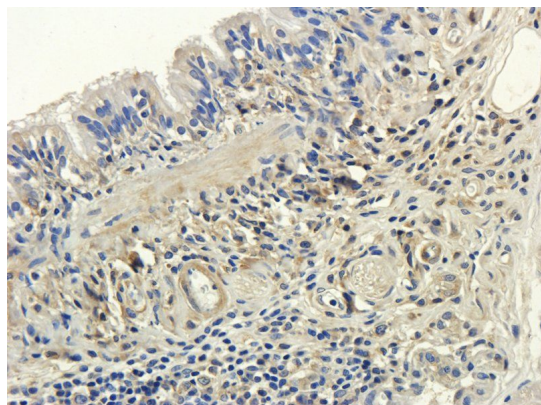
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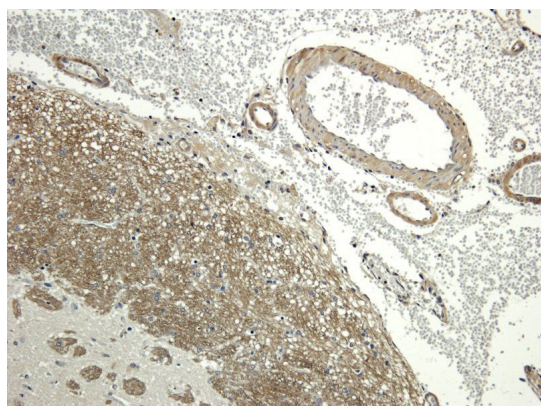
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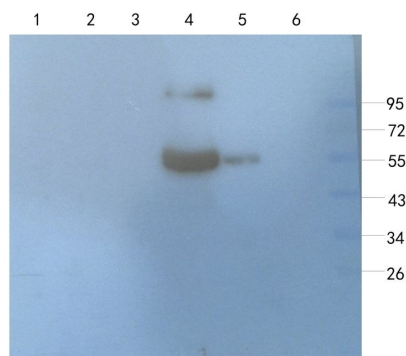
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Immunohistochemical staining of rat lung tissue using Aquaporin 4 antibody (2.5 ug/ml)



Immunohistochemical staining of rat brain tissue using Aquaporin 4 antibody (2.5 ug/ml)



Western blot analysis of mouse brain (lane 1), mouse medulla (lane 2), rat muscle (lane 3), human breast cancer (lane 4), human thyroid tumour (lane 5), U251 cells (lane 6) using Aquaporin 4 antibody (1 ug/ml)

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