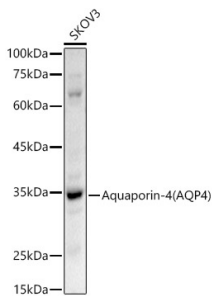


Anti-Aquaporin 4 Antibody (A14238)

Specifications:

Name:	Anti-Aquaporin 4 Antibody
Description:	Rabbit polyclonal antibody to Aquaporin 4.
Applications:	WB, IHC, ICC/IF
Recommended Dilutions:	WB: 1:100-1:500, IHC: 1:50-1:200, ICC/IF: 1:50-1:200
Reactivity:	Human, Mouse, Rat
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 244-323 of human Aquaporin-4 (AQP4) (NP_001641.1).
Sequence:	AGGLYEYVFPCPDVEFKRRFKEAFSKAAQQTKGSYMEVEDNRSQVETDDLILKPGVVHV IDVDRGEEKKGKDQSGEVLSSV
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Conjugate:	Unconjugated
Purification:	Affinity purification.
Molecular Weight:	35 kDa
Product Form:	Liquid
Formulation:	Supplied in Phosphate Buffered Saline, pH 7.3, with 50% Glycerol and 0.01% Thiomersal.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

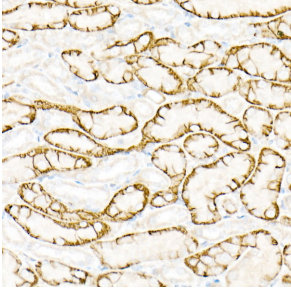
Images:



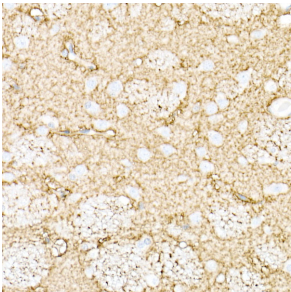
Western blot analysis of extracts of SKOV3 cells, using Anti-Aquaporin 4 Antibody (A14238) at 1:500 dilution. The secondary antibody was Goat Anti-Rabbit IgG H&L Antibody (HRP) at 1:10,000 dilution. Lysates/proteins were present at 25µg per lane. The blocking buffer used was 3% non-fat dry milk in TBST. Detection was with a ECL Basic Kit. Exposure time: 60s.

Anti-Aquaporin 4 Antibody (A14238)

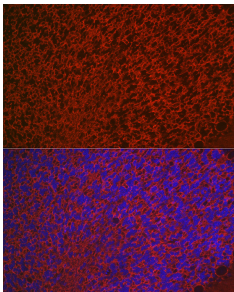
Images continued:



Immunohistochemistry analysis of paraffin-embedded mouse kidney using Anti-Aquaporin 4 Antibody (A14238) at a dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded rat brain using Anti-Aquaporin 4 Antibody (A14238) at a dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunofluorescence analysis of rat brain cells using Anti-Aquaporin 4 Antibody (A14238) at a dilution of 1:50 (40x lens). DAPI was used to stain the cell nuclei (blue).