

## Anti-AQP4 antibody (256-323) (STJ22661)

STJ22661

### GENERAL INFORMATION

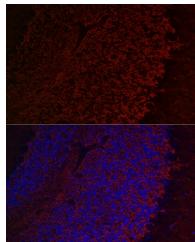
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	WB/IHC-P/IF/ICC/ELISA
<b>Applications</b>	Rabbit
<b>Host/Source</b>	Human/Mouse/Rat
<b>Reactivity</b>	

### PRODUCT PROPERTIES

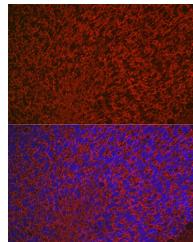
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	Lot specific
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution Range</b>	WB:1:100-1:500 IHC-P:1:50-1:200 IF/ICC:1:50-1:200
	ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
<b>Formulation</b>	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

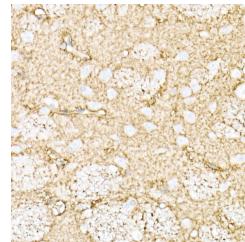
<b>Gene ID</b>	361
<b>Gene Symbol</b>	AQP4
<b>Uniprot ID</b>	AQP4_HUMAN
<b>Immunogen</b>	
<b>Immunogen Region</b>	256-323
<b>Specificity</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 256-323 of human Aquaporin-4 (AQP4) (NP_001641.1).
<b>Immunogen Sequence</b>	VEFKRRFKEAFSKAAQQTKG SYMEVEDNRSQVETDDLILK PGVVHVIDVDRGEEKKGKDQ SGEVLSSV



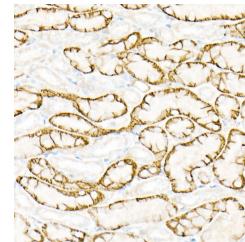
Immunofluorescence analysis of mouse brain cells using Aquaporin-4 (AQP4) Rabbit polyclonal antibody (STJ22661) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of rat brain cells using Aquaporin-4 (AQP4) Rabbit polyclonal antibody (STJ22661) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded rat brain tissue using Aquaporin-4 (AQP4) Rabbit polyclonal antibody (STJ22661) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded rat brain tissue using Aquaporin-4 (AQP4) Rabbit polyclonal antibody (STJ22661) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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