

Anti-AQP2 antibody (200-280) (STJ91655)

STJ91655

GENERAL INFORMATION

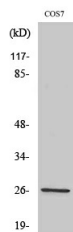
Product Type	Primary antibodies
Short Description	Rabbit polyclonal antibody anti-Aquaporin-2 (200-280) is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry and ELISA research applications.
Applications	WB, IHC-P, IF, ICC, ELISA
Host/Source	Rabbit
Reactivity	Human, Mouse, Rat, Monkey

PRODUCT PROPERTIES

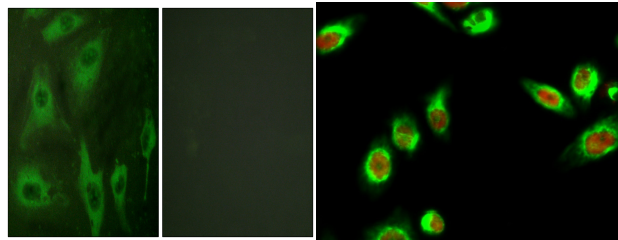
Clonality	Polyclonal
Clone ID	
Concentration	1 mg/mL
Conjugation	Unconjugated
Purification	The antibody was affinity-purified from rabbit anti-serum by affinity-chromatography.
Dilution Range	WB 1:500-1:2000 IHC 1:100-1:300 IF 1:200-1:1000 ELISA 1:10000
Formulation	PBS, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

Gene ID	359
Gene Symbol	AQP2
Uniprot ID	AQP2_HUMAN
Immunogen	The antiserum was produced against synthesized peptide derived from human Aquaporin 2 at amino acid range 222-271
Immunogen Region	200-280
Specificity	AQP2 polyclonal antibody (Aquaporin-2) binds to endogenous Aquaporin-2 at the amino acid region 200-280.
Immunogen Sequence	



Western blot analysis of various cells using AQP2 Polyclonal Antibody



Immunofluorescence analysis of HeLa cells, using Aquaporin 2 Antibody. The picture on the right is blocked with the synthesized peptide.

Immunofluorescence analysis of HeLa cell. 1. AQP2 Polyclonal Antibody (green) was diluted at 1:200 (4°C overnight), (red) was diluted at 1:200 (4°C overnight). 2. Goat Anti Rabbit Alexa Fluor 488 Catalog: (NA was diluted at 1:1000 (room temperature, 50min). Goat Anti Mouse Alexa Fluor 594 Catalog: (NA was diluted at 1:1000 (room temperature, 50min).

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.
St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081