

Anti-AQP5 antibody (165-265 aa) [S5087RM] (STJ11105087)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

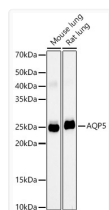
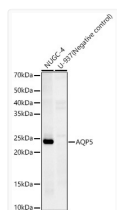
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:5000 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 28kDa Observed Mw: 24kDa
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	362
Gene Symbol	AQP5
UniProt ID	AQP5_HUMAN
Immunogen Region	165-265 aa
Immunogen Sequence	IGLSVTLGHLVGIYFTGCSM NPARSFGPAVVMNRFSPAHW VFVWGPVIGAVLAAILFYFL LFPNSLSLSERVAIIKGTYE PDEDWEEQREERKKTMLTT R
Specificity	A synthetic peptide corresponding to a sequence within amino acids 165-265 of human AQP5. (NP_001642.1).

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of various lysates, using AQP5 Rabbit monoclonal antibody (STJ11105087) at 1:2000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.