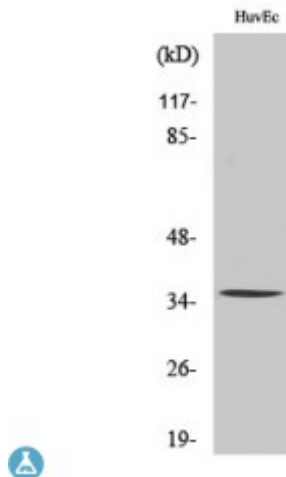


Anti-AQP5 antibody



Description	Rabbit polyclonal to AQP5.
Model	STJ91658
Host	Rabbit
Reactivity	Human
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human AQP5.
Immunogen Region	C-terminal
Gene ID	362
Gene Symbol	AQP5
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:40000
Specificity	AQP5 Polyclonal Antibody detects endogenous levels of AQP5 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Aquaporin-5 AQP-5
Molecular Weight	35 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG

Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:638OMIM:600231
Alternative Names	Aquaporin-5 AQP-5
Function	Forms a water-specific channel. Implicated in the generation of saliva, tears, and pulmonary secretions. Required for TRPV4 activation by hypotonicity . Together with TRPV4, controls regulatory volume decrease in salivary epithelial cells .
Sequence and Domain Family	Aquaporins contain two tandem repeats each containing three membrane-spanning domains and a pore-forming loop with the signature motif Asn-Pro-Ala (NPA).
Cellular Localization	Apical cell membrane

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