

AQP5 Rabbit pAb (AR20082)

Key Features

Host Species:	Rabbit
Reactivity:	Human,Mouse,Rat
Applications:	WB,IHC,IF,ELISA
Isotype:	IgG
MW:	35kD (Observed)

Recommended Dilution Ratios

WB:	1:500-2000
IHC:	1:100-1:300
IF :	1:50-200
ELISA:	1:40000

Storage

-15°C to -25°C/1 year (Do not lower than -25°C)

Basic Information

Clonality	Polyclonal
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Immunogen Information

Specificity	AQP5 Polyclonal Antibody detects endogenous levels of AQP5 protein.
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Target Information

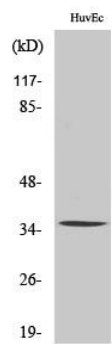
Gene name	AQP5
Protein Name	Aquaporin-5

Organism	Gene ID	UniProt ID
Human	362	P55064
Mouse		Q9WTY4

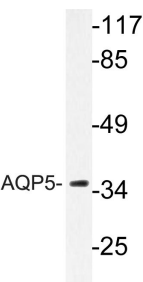
Cellular Localization	Apical cell membrane ; Multi-pass membrane protein . Cell membrane ; Multi-pass membrane protein . Cytoplasmic vesicle membrane ; Multi-pass membrane protein . Hypotonicity increases location at the cell membrane. Phosphorylation decreases location at the cell membrane.
Tissue specificity	Detected in skin eccrine sweat glands, at the apical cell membrane

and at intercellular canaliculi (at protein level)

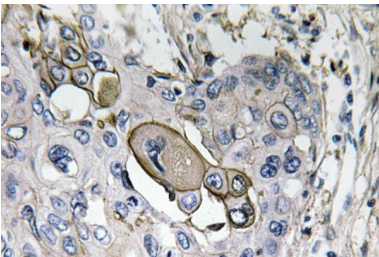
Validation Data



Western Blot analysis of various cells using AQP5 Polyclonal Antibody



Western blot analysis of lysate from HUVECcells, using AQP5 antibody.



Immunohistochemistry analysis of AQP5 antibody in paraffin-embedded human lung carcinoma tissue.

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