

## AQP7 rabbit pAb

Catalog_no :	AT7021
Applications :	WB
Reactivity :	Human, Mouse,Rat
Category :	抗原抗体
Size :	100µg/50µg/20µg
Gene_name :	AQP7 AQP7L AQP9
Protein_name :	AQP7
Humangene_id	<a href="#">364</a>
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Humanswissprot	<a href="#">O14520</a>
_no :	
Mousegene_id :	<a href="#">11832</a>
Mouseswissprot	<a href="#">O54794</a>
_no :	
Ratgene_id :	<a href="#">29171</a>
Ratswissprot_no	<a href="#">P56403</a>
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Immunogen :	Synthesized peptide derived from human AQP7
Specificity :	This antibody detects endogenous levels of AQP7 at Human/Mouse/Rat
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Rabbit
Dilution :	WB 1 : 500-2000
Purification :	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Concentration :	1 mg/ml
Storage_stability	-20°C/1 year
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Background :	This gene encodes a member of the aquaporin family of water-selective membrane channels. The encoded protein localizes to the plasma membrane and allows movement of water, glycerol and urea across cell membranes. This gene is highly expressed in the

adipose tissue where the encoded protein facilitates efflux of glycerol. In the proximal straight tubules of kidney, the encoded protein is localized to the apical membrane and prevents excretion of glycerol into urine. The encoded protein is present in spermatids, as well as in the testicular and epididymal spermatozoa suggesting an important role in late spermatogenesis. Alternative splicing of this gene results in multiple transcript variants encoding different isoforms. This gene is located adjacent to a related aquaporin gene on chromosome 9. Multiple pseudogenes of this gene have been identified. [provided by RefSeq, Dec 2015],

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