

AQP7 Rabbit Polyclonal Antibody

Catalog# UZ-PA00806

Product information

产品货号	UZ-PA00806
别名	AQP7L;AQP9
产品名称	AQP7 Rabbit Polyclonal Antibody
类别	抗体产品
基因名称	AQP7
推荐应用	WB
反应种属	Human,Mouse,Rat
存储缓冲液	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N .
Human Gene ID	364
Human Swissprot No.	O14520
免疫原	Synthesized peptide derived from human AQP7 AA range: 136-186
稀释度	WB 1:500-2000
参考分子量	38kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	Rabbit,IgG
背景介绍	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],
细胞定位	Cell membrane ; Multi-pass membrane protein . Cytoplasm, cell cortex . Cytoplasmic vesicle membrane ; Multi-pass membrane protein . Lipid droplet . Internalized from the cell membrane in response to catecholamine-induced activation of PKA; detected on intracellular membranes and colocalizes with lipid droplets (By similarity). Colocalizes with PLIN1 in adipocytes, probably on lipid droplets (PubMed:27832861). .
纯化	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal