

## Datasheet for ABIN7073108 anti-Aquaporin 7 antibody

Image



Overview

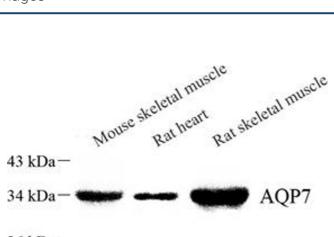
1

100 μL
Aquaporin 7 (AQP7)
Mouse, Rat
Rabbit
Polyclonal
This Aquaporin 7 antibody is un-conjugated
Western Blotting (WB)
KLH conjugated Synthetic peptide corresponding to Mouse Aquaporin 7
Rat
Affinity purification
Aquaporin 7 (AQP7)
Aquaporin 7 (AQP7 Products)
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

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	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.
Molecular Weight:	33 kDa
Gene ID:	11832
NCBI Accession:	NP_031499
UniProt:	054794
Application Details	
Application Notes:	WB (M,R) 1:500-1:800
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	PBS, pH 7.4, 0.02 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C

## Images



## Western Blotting

**Image 1.** Western blot analysis of Aquaporin 7 (ABIN7073108) at dilution of 1: 800