

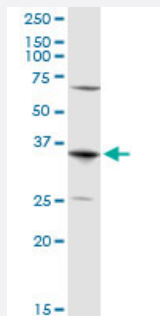
MaxPab®

AQP7 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00000364-D01P

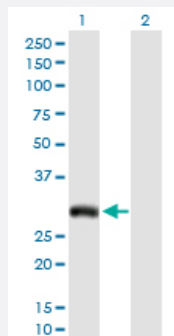
Size 100 ug

Applications



Western Blot (Cell lysate)

AQP7 MaxPab rabbit polyclonal antibody. Western Blot analysis of AQP7 expression in Jurkat.



Western Blot (Transfected lysate)

Western Blot analysis of AQP7 expression in transfected 293T cell line ([H00000364-T02](#)) by AQP7 MaxPab polyclonal antibody.

Lane 1: AQP7 transfected lysate(37.20 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human AQP7 protein.

Immunogen

AQP7 (NP_001161.1, 1 a.a. ~ 342 a.a) full-length human protein.

Sequence

MVQASGHRRSTRGSKMVSWSVIAKIQEILQRKMVREFLAEFMSTYMMVFGLGSVAHMLNKKY
GSYLGVNLFSGFGVTMGVHVAGRISGAHMNAAVTFANCALGRVPWRKFPVYVLGQFLGSFLAAA
TIYSLFYTAILHFSGGQLMVTGPVATAGIFATYLPDHMTLWRGFLNEAWLTGMLQLCLFAITDQENN
PALPGTEALVIGILVVIIGVSLGMNTGYAINPSRDLPPIRFTFIAGWGKQVFSNGENWWWVPVVAPL
LGAYLGGIMLVFIGSTIPREPLKLEDSVAYEDHGITVLPKMGSHIPTISPLTPVSVSPANRSSVHPAP
PLHESMALEHF

Host

Rabbit

Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

AQP7 MaxPab rabbit polyclonal antibody. Western Blot analysis of AQP7 expression in Jurkat.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of AQP7 expression in transfected 293T cell line ([H00000364-T02](#)) by AQP7 MaxPab polyclonal antibody.

Lane 1: AQP7 transfected lysate(37.20 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — AQP7

Entrez GeneID	364
GeneBank Accession#	NM_001170
Protein Accession#	NP_001161.1
Gene Name	AQP7
Gene Alias	AQP7L, AQP9, AQPap, MGC149555, MGC149556
Gene Description	aquaporin 7
Omim ID	602974
Gene Ontology	Hyperlink

Gene Summary

Aquaporins/major intrinsic protein (MIP) are a family of water-selective membrane channels. Aquaporin 7 has greater sequence similarity with AQP3 and AQP9 and they may be a subfamily. Aquaporin 7 and AQP3 are at the same chromosomal location suggesting that 9p13 may be a site of an aquaporin cluster. Aquaporin 7 facilitates water, glycerol and urea transport. It may play an important role in sperm function. [provided by RefSeq]

Other Designations

OTTHUMP00000021220|aquaporin adipose

Pathway

- [PPAR signaling pathway](#)

Disease

- [Diabetes Mellitus](#)
- [Metabolic Diseases](#)
- [Obesity](#)