German Research Products - GRP GmbH

In der Stockwiese 26

D-85410 Haag/Amper, Germany

Email: info@grp-ak.de Phone: +49 (0)8167 6335

Product Datasheet

AQP3 Polyclonal Antibody GRP372

Description Water channel required to promote glycerol permeability and

water transport across cell membranes. Acts as a glycerol transporter in skin and plays an important role in regulating SC (stratum corneum) and epidermal glycerol content. Involved in skin hydration, wound healing, and tumorigenesis. Provides kidney medullary collecting duct with high permeability to water, thereby permitting water to move in the direction of an osmotic gradient. Slightly permeable to urea and may function as a water and urea exit mechanism in antidiuresis in collecting duct cells. It

may play an important role in gastrointestinal tract water transport and in glycerol metabolism.

Species/Host Rabbit

Reactivity Human, Mouse, Rat

Conjugation Unconjugated

Tested Applications IHC-P, WB

KLH conjugated synthetic peptide derived from mouse AQP3 **Immunogen**

(public_immunogen_range: 266-292/292)

Form/Appearance Agueous buffered solution containing 1% BSA, 50% glycerol and

0.09% sodium azide.

Concentration 1ug/ul

Store at -20°C for 12 months. Storage

Note For research use only.

Isotype IgG

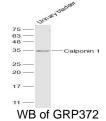
Clonality Polyclonal

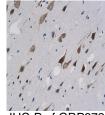
Purity Purified by Protein A.

Uniprot ID Q8R2N1

Entrez 11828

WB: 1:300-1000, IHC-P: 1:200-400 **Dilution Range**





IHC-P of GRP372