



Chicken Anti-AQP8 Polyclonal antibody (CPBT-67908CA)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview This product recognises rat Aquaporin 8 (AQP8) a member of a family of membrane water channels which exist throughout nature and include CHIP, MIP and other aquaporins. AQP8 is a 28kDa channel with an unusually long N-terminus and short C-terminus, which was first identified in rat pancreas and testis, but is also found in the colon, liver and salivary glands. Molecular Weight 28 kDa.

Specificity	AQP8
Immunogen	A 16 amino acid synthetic peptide from within the C-terminal domain of rat Aquaporin 8.
Isotype	IgG
Source/Host	Chicken
Species Reactivity	Rat
Conjugate	Unconjugated
Applications	ELISA; WB
Format	Purified IgG - liquid
Size	50 µg
Preservative	0.05% Sodium Azide
Storage	in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	Aqp8 aquaporin 8 [Rattus norvegicus (Norway rat)]
Official Symbol	AQP8
Synonyms	AQP8; aquaporin 8; AQP-8; aquaporin-8;
Entrez Gene ID	29172
Protein Refseq	NP_062031
UniProt ID	P56405
Chromosome Location	1q36
Pathway	Aquaporin-mediated transport; Bile secretion; Passive transport by Aquaporins; Transmembrane transport of small molecules;
Function	glycerol channel activity; water channel activity;