

Datasheet for ABIN6260013
anti-Aquaporin 8 antibody (N-Term)

3 Images

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Overview

Quantity:	100 µL
Target:	Aquaporin 8 (AQP8)
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Aquaporin 8 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	A synthesized peptide derived from human AQP8, corresponding to a region within N-terminal amino acids.
Isotype:	IgG
Specificity:	AQP8 Antibody detects endogenous levels of total AQP8.
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	Aquaporin 8 (AQP8)
Alternative Name:	AQP8 (AQP8 Products)

Target Details

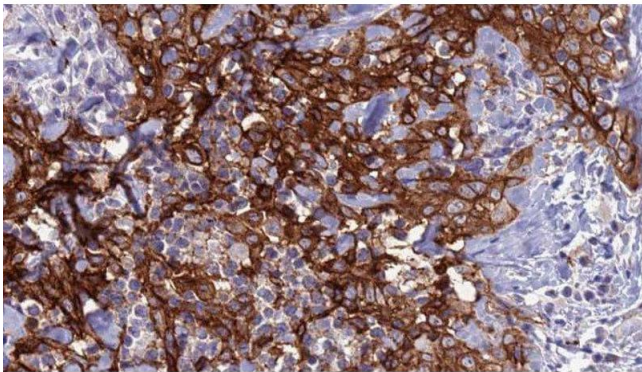
Background:	Description: Forms a water-specific channel, mercury-sensitive. Not permeable to glycerol or urea. Gene: AQP8
Molecular Weight:	27 kDa
Gene ID:	343
UniProt:	O94778

Application Details

Application Notes:	WB 1:1000-3000, IHC 1:200, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

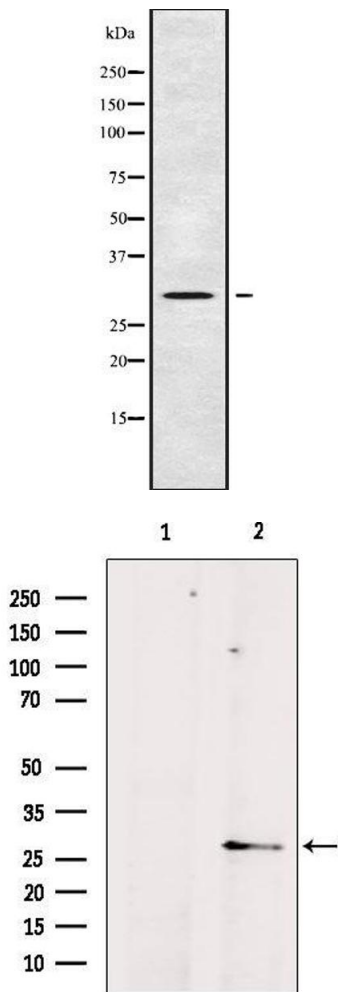
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



Immunohistochemistry

Image 1. ABIN6279138 at 1/100 staining Human Head and neck cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary



Western Blotting

Image 2. Western blot analysis of AQP8 using 293 whole cell lysates

Western Blotting

Image 3. Western blot analysis of extracts from mouse brain, using AQP8 Antibody. Lane 1 was treated with the blocking peptide.