Datasheet for ABIN570795

anti-GJB6 antibody (Internal Region)

Go to Product page

Overview

Quantity:	100 µg
Target:	GJB6
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This GJB6 antibody is un-conjugated
Application:	ELISA

Product Details

Purpose:	Connexin 30 / GJB6
Immunogen:	Peptide with sequence C-RSKRAQTQKNHPNH, from the internal region of the protein sequence according to NP_006774.2.
Sequence:	RSKRAQTQKN HPNH
Isotype:	IgG
Specificity:	Reported variants represent identical protein: NP_006774.2, NP_001103691.1, NP_001103689.1, NP_001103690.1
Cross-Reactivity:	Cow, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Product Details

Grade:	Recent

Target Details

Target:	GJB6
Alternative Name:	GJB6 (GJB6 Products)
Background:	GJB6, gap junction protein, beta 6, 30 kDa, CX30, DFNA3, ED2, EDH, HED, OTTHUMP00000018096, OTTHUMP00000176870, OTTHUMP00000176871, OTTHUMP00000176872, connexin 30, ectodermal dysplasia 2, hidrotic (Clouston syndrome), gap junction protein, beta 6, gap jun
Gene ID:	10804, 14623, 84403
NCBI Accession:	NP_006774
Pathways:	Sensory Perception of Sound

Application Details

Application Notes:	Western Blot: Preliminary experiments gave an approx 14 kDa band in Human Brain (Cerebellum) and Rat Brain lysates after 1 µg/mL antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the Peptide ELISA: antibody detection limit dilution 1:16000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C

Handling

Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.