

Datasheet for ABIN190896
anti-GJB2 antibody (C-Term)

3 Images

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Overview

Quantity:	100 µg
Target:	GJB2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This GJB2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	GJB2 / Connexin 26
Immunogen:	Peptide with sequence YLLIRYCSGKSKKP, from the C Terminus of the protein sequence according to NP_003995.2.
Sequence:	YLLIRYCSGK SKKP
Isotype:	IgG
Cross-Reactivity:	Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

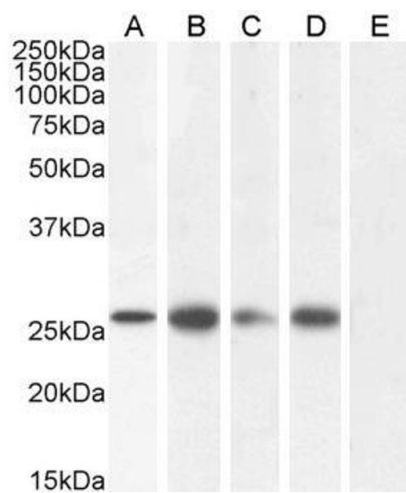
Target:	GJB2
Alternative Name:	GJB2 (GJB2 Products)
Background:	GJB2, Connexin 26, gap junction protein, beta 2, 26 kDa (connexin 26) , CX26, DFNA3, DFNB1, HID, KID, NSRD1, PPK , gap junction protein beta 2, gap junction protein, beta 2, 26kD (connexin 26)
Gene ID:	2706, 14619, 394266
NCBI Accession:	NP_003995
Pathways:	Sensory Perception of Sound , Cell-Cell Junction Organization

Application Details

Application Notes:	Western Blot: Approx 25-26 kDa band observed in Human Colon, Prostate and Skin , Mouse Brain and in Mouse and Rat Heart lysates (calculated MW of 26.2 kDa according to Human NP_003995.2 and 26.4 kDa according to Mouse NP_032151.1 and Rat NP_001004099.1) Peptide ELISA: antibody detection limit dilution 1:128000.
Comment:	Flow Cytometry: Flow cytometric analysis of HepG2 cells. Recommended concentration: 10ug/ml.
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
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.

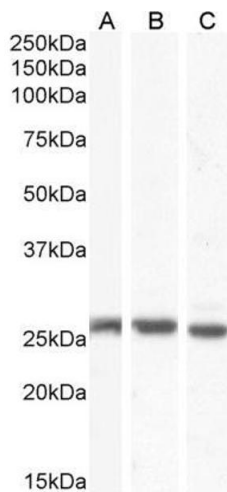


Western Blotting

Image 1. ABIN190896 (1µg/ml) staining of Human Colon (A), Heart (B), Prostate (C), Skin (D) and negative control Adipose (E) lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



Image 2. ABIN190896 (0.01µg/ml) staining of Mouse Brain lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Western Blotting

Image 3. ABIN190896 (0.01µg/ml) staining of Mouse Brain (A), (0.5ug/ml) Mouse Heart (B) and Rat Heart (C) lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.