

Datasheet for ABIN962180
anti-Connexin 31 antibody (N-Term)



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Overview

Quantity:	100 µg
Target:	Connexin 31 (GJB3)
Binding Specificity:	N-Term
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Connexin 31 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	A 17 amino acid peptide sequence within the 1st cytoplasmic domain of the rat Cx31 (2) was used to generate anti-Mouse Cx31. Amino terminal Cysteine was added for conjugation to KLH (carrier protein).
Isotype:	IgG
Specificity:	Recognizes mouse Connexin 31. Species sequence homology: shows 3 aa differences in rat Cx 31. The Cx31 peptide sequence does not significant homology with other known Connexins.
Purification:	Immunoaffinity purified

Target Details

Target:	Connexin 31 (GJB3)
Alternative Name:	GJB3 / CX31 / Connexin 31 (GJB3 Products)

Target Details

Background:	Name/Gene ID: GJB3
	Subfamily: Connexin
	Family: Ion Channel
	Synonyms: GJB3, Connexin 31, Connexin-31, CX31, DFNA2, Erythrokeratoderma variabilis, Gap junction beta-3 protein, DFNA2B, EKV, Gap junction protein beta 3
Gene ID:	2707
UniProt:	075712
Pathways:	Sensory Perception of Sound

Application Details

Application Notes:	Approved: ELISA (1:100), IHC (2 - 20 µg/mL), WB (1 - 10 µg/mL)
	Usage: Suitable for use in ELISA, Immunohistochemistry and Western Blot. Western Blot: 1-10 µg/mL using ECL. An antibody raised against a GST-fusion has been shown to recognize ~31kD band in skin. Immunohistochemistry: 2-20 µg/mL in formaldehyde fixed tissues. ELISA: 1:100K using 50-100 ng CX31 control peptide/well.
Comment:	Target Species of Antibody: Mouse
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute in 100 µL of Sterile PBS.
Concentration:	Lot specific
Buffer:	Lyophilized from PBS, 0.05 % sodium azide.
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:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C, -20 °C

Handling

Storage Comment: Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.