

## Connexin 31 Antibody (C-term)

Catalog_no :	AB1452
Applications :	WB
Reactivity :	H
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	HUMAN:204-233
Specificity :	This Connexin 31 Antibody antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 204~233 amino acids from the C-terminal region of human GJB3.
Dilution :	WB,1:1000;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Other_name :	Gap junction beta-3 protein, Connexin-31, Cx31, GJB3, CX31
Isotype :	Rabbit Ig
Background :	Gap junctions are conduits that allow the direct cell-to-cell passage of small cytoplasmic molecules, including ions, metabolic intermediates, and second messengers, and thereby mediate intercellular metabolic and electrical communication. Gap junction channels consist of connexin protein subunits, which are encoded by a multigene family. GJBs (gap-junction proteins or connexins) play crucial functional roles associated with these channels. Defects in GJB3 have been linked to erythrokeratoderma variabilis (EKV) is an autosomal dominant genodermatosis characterized by transient figurate red patches or hyperkeratosis. Mutations in GJB2 have also been associated with genetically derived hearing impairments, including autosomal recessive nonsyndromic deafness.
reference :	Plantard, L., et al., Hum. Mol. Genet. 12(24):3287-3294 (2003). Rouan, F., et al., Exp. Dermatol. 12(2):191-197 (2003). Mhatre, A.N., et al., Clin. Genet. 63(2):154-159 (2003). Diestel, S., et al., Biochem. Biophys. Res. Commun. 296(3):721-728 (2002)