

## GJB3 Polyclonal Antibody

Catalog number: 12880-1-AP

Size: 36 µg/150 µl

Source: Rabbit

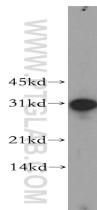
Isotype: IgG

Synonyms:

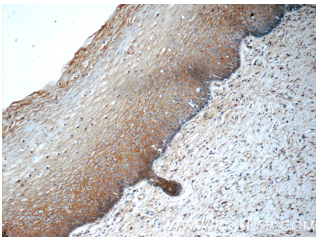
GJB3; Connexin 31, CX31,

DFNA2, DFNA2B, EKV,

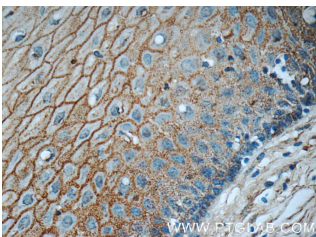
FLJ22486, Gap junction beta 3 protein, GJB3



mouse ovary tissue were subjected to SDS PAGE followed by western blot with 12880-1-AP(GJB3 antibody) at dilution of 1:0



Immunohistochemistry of paraffin-embedded human cervix tissue slide using 12880-1-AP ( GJB3 Antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemistry of paraffin-embedded human cervix tissue slide using 12880-1-AP ( GJB3 Antibody) at dilution of 1:50 (under 40x lens)

### Background

GJB3, also known as Connexin-31 (Cx31), belongs to the connexin family. Connexins are membrane-spanning proteins that assemble to form gap junction channels that facilitate the transfer of ions and small molecules between cells. Mutations in the gene of GJB3 have been described in patients with dominant and recessive hearing impairment and in patients with erythrokeratoderma variabilis (EKV).

### Applications

<b>Tested applications:</b>	ELISA, WB, IHC
<b>Cited applications:</b>	IHC
<b>Species specificity:</b>	Human, Mouse, Rat; other species not tested.
<b>Cited species:</b>	Mouse
<b>Calculated GJB3 MW:</b>	270aa, 31 kDa
<b>Observed GJB3 MW:</b>	31 kDa
<b>Positive WB detected in</b>	Mouse ovary tissue, HeLa cells, human brain tissue, human heart tissue
<b>Positive IHC detected in</b>	Human cervix tissue, human ovary tumor tissue, human skin cancer tissue
<b>Recommended dilution:</b>	WB: 1:200-1:2000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

<b>Immunogen:</b>	Ag3839
<b>GenBank accession number:</b>	BC012918
<b>Gene ID (NCBI):</b>	2707
<b>Full name:</b>	Gap junction protein, beta 3, 31kDa

### Product information

<b>Purification method:</b>	Antigen affinity purification
<b>Storage:</b>	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.