

Anti-GJA1 antibody

Cat. No.	ml220496
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-GJA1 rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Fusion protein of human GJA1
Reactivity	Human, Mouse, Rat
Content	0.9 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	GJA1
Full name	gap junction protein alpha 1
Synonyms	HSS; CMDR; CX43; EKVP; GJAL; ODDD; AVSD3; HLHS1; PPKCA
Swissprot	P17302

Target Background

This gene is a member of the connexin gene family. The encoded protein is a component of gap junctions, which are composed of arrays of intercellular channels that provide a route for the diffusion of low molecular weight materials from cell to cell. The encoded protein is the major protein of gap junctions in the heart that are thought to have a crucial role in the synchronized contraction of the heart and in embryonic development. A related intronless pseudogene has been mapped to chromosome 5. Mutations in this gene have been associated with oculodentodigital dysplasia, autosomal recessive craniometaphyseal dysplasia and heart malformations.

订购热线: 4008-898-798

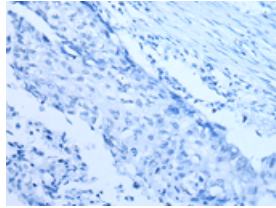
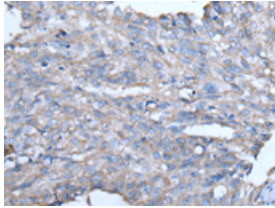
Applications

Immunohistochemistry

Predicted cell location: Cell membrane and Cytoplasm

Positive control: Human lung cancer

Recommended dilution: 30-150

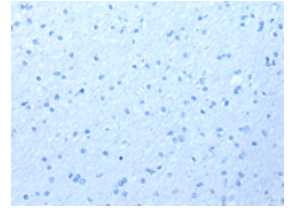
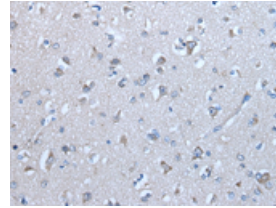


The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using ml220496(GJA1 Antibody) at dilution 1/50, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Predicted cell location: Cell membrane and Cytoplasm

Positive control: Human brain

Recommended dilution: 30-150



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using ml220496(GJA1 Antibody) at dilution 1/50, on the right is treated with fusion protein. (Original magnification: $\times 200$)

ELISA

Recommended dilution: 5000-10000

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