

GJA10 Antibody (C-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP1550b**Specification**

GJA10 Antibody (C-term) - Product Information

Application	IHC-P, WB,E
Primary Accession	P57773
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	484-515

GJA10 Antibody (C-term) - Additional Information**Gene ID** 81025**Other Names**

Gap junction alpha-9 protein, Connexin-58, Cx58, Connexin-59, Cx59, Gap junction alpha-10 protein, GJA9, GJA10

Target/Specificity

This GJA10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 484-515 amino acids from the C-terminal region of human GJA10.

Dilution

IHC-P~~1:50~100

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

GJA10 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

GJA10 Antibody (C-term) - Protein Information**Name** GJA9**Synonyms** GJA10

Function One gap junction consists of a cluster of closely packed pairs of transmembrane channels, the connexons, through which materials of low MW diffuse from one cell to a neighboring cell.

Cellular Location

Cell membrane; Multi-pass membrane protein. Cell junction, gap junction

Tissue Location

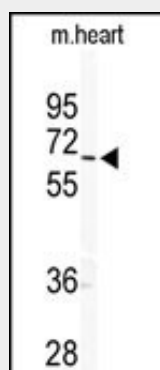
Highly abundant in skeletal muscle. Also detected in testis.

GJA10 Antibody (C-term) - Protocols

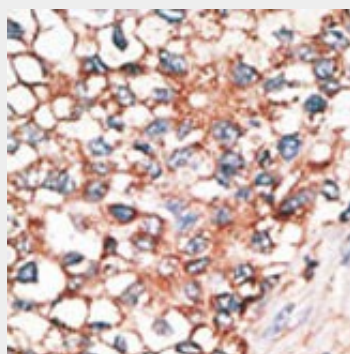
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GJA10 Antibody (C-term) - Images



Western blot analysis of GJA10 Antibody (C-term) (Cat.#AP1550b) in mouse heart tissue lysates (35ug/lane). GJA10 (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been

evaluated. BC = breast carcinoma; HC = hepatocarcinoma.

GJA10 Antibody (C-term) - Background

GJA8 is a an integral membrane protein that belongs to the connexin family, alpha-type (group II) subfamily. One gap junction consists of a cluster of closely packed pairs of transmembrane channels, the connexons, through which materials of low MW diffuse from one cell to a neighboring cell. A connexon is composed of a hexamer of connexins.

GJA10 Antibody (C-term) - References

Hombach S, et al., Eur J Neurosci. 2004 May;19(10):2633-40.
Houghton FD, et al., Biol Reprod. 2002 May;66(5):1403-12.
Manthey D, et al., J Biol Chem. 1999 May 21;274(21):14716-23.

GJA10 Antibody (C-term) - Citations

- [Expression pattern of connexins in the corneal and limbal epithelium of a primate.](#)