

Anti-GJA5 Polyclonal Antibody

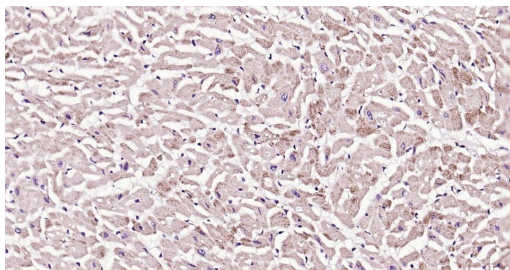
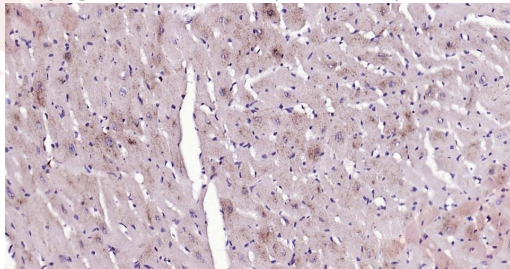
Product Details

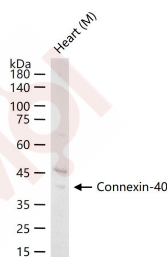
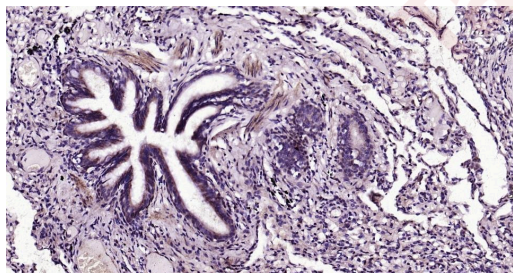
Ig Type:	IgG
Reactivity:	Human,Mouse
Molecular Weight:	Theoretical: 40 kDa.
Purification:	Protein A purified

Applications

Verified Activity:

1. Paraformaldehyde-fixed, paraffin embedded Mouse Heart; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Connexin-40 Polyclonal Antibody, Unconjugated (TMAB-00774) at 1:200 overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.
2. Paraformaldehyde-fixed, paraffin embedded Human Heart; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Connexin-40 Polyclonal Antibody, Unconjugated (TMAB-00774) at 1:200 overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.
3. Paraformaldehyde-fixed, paraffin embedded Human Lung; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Connexin-40 Polyclonal Antibody, Unconjugated (TMAB-00774) at 1:200 overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.
4. 25 µg total protein per Lane of various lysates probed with Connexin-40 polyclonal antibody, unconjugated (TMAB-00774) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at RT for 60 min.





Application: IF,IHC-Fr,IHC-P

Recommended IF=1:100-500; IHC-Fr=1:100-500; IHC-P=1:100-500

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human Connexin-40

Antigen Species: Human

Gene ID: 2702

Uniprot ID: P36382

Synonyms: Gap junction alpha-5 protein;Connexin-40 (Cx40);GJA5

Biology Area: Cardiac arrhythmias,Endothelium,Gap Junctions

Research 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. Mutations in this gene may be associated with atrial fibrillation. Alternatively spliced transcript variants encoding the same isoform have been described. [provided by RefSeq, Jul 2008]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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