

Datasheet for ABIN6141100
anti-Cx40/GJA5 antibody (AA 229-358)



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Overview

Quantity:	100 µL
Target:	Cx40/GJA5 (GJA5)
Binding Specificity:	AA 229-358
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cx40/GJA5 antibody is un-conjugated
Application:	Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 229-358 of human GJA5 (NP_859054.1).
Sequence:	LGWKKIRQRF VKPRQHMAKC QLSGPSVGIV QSCTPPPDFN QCLENGPGGK FFNPFSNNMA SQQNTDNLVT EQVRGQEQTPEGGFIQVRYG QKPEVPNGVS PGHRLPHGYH SDKRRLSKAS SKARSDDLVS
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	Cx40/GJA5 (GJA5)
Alternative Name:	GJA5 (GJA5 Products)
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.,GJA5,ATFB11,CX40,Signal Transduction,Cell Biology & Developmental Biology,Cell Adhesion,Gap Junctions,Cytoskeleton,Cardiovascular,Heart,Cardiac arrhythmias,GJA5
Molecular Weight:	40 kDa
Gene ID:	2702
UniProt:	P36382
Pathways:	Cell-Cell Junction Organization

Application Details

Application Notes:	IF,1:50 - 1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.