



Rabbit Anti-Human Connexin 40 monoclonal antibody, clone 6I27M0 (CABT-L1321)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	GJA5
Immunogen	Recombinant protein corresponding to Human GJA5 (aa 334-344)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	6I27M0
Purification	Protein A Purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	0.5 mg/ml
Buffer	PBS, pH 7.2
Preservative	0.09% Sodium Azide
Storage	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

BACKGROUND

Introduction	Connexin 40 (Cx40), belongs to the connexin family of gap junction proteins, which are expressed in pancreas, kidney, skeletal muscle, liver, placenta and heart. Connexin 40 is highly expressed in vascular endothelial cells, and the mammalian heart (specifically in the atrial myocardium, and the His-Purkinje conduction system). At least three other connexins are expressed in the heart, including Cx37 (endocardium), Cx43 (atrial and ventricular myocardium, and distal parts of the conduction system) and Cx45 (throughout the heart). Cx40 and Cx43 frequently co-localize in cells of the cardiovascular system and participate in the formation of heterotypic gap junction channels.
Keywords	GJA5;gap junction protein, alpha 5, 40kDa;CX40;ATFB11;gap junction alpha-5 protein;connexin 40;gap junction protein alpha 5 40kDa

GENE INFORMATION

Entrez Gene ID [2702](#)

UniProt ID [P36382](#)
