

## Anti-GJA1 Antibody (6Q512)

## Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	6Q512
Purification:	Protein A

## Applications

Verified Activity:	1. Immunochemical staining of human GJA1 in mouse heart with rabbit monoclonal antibody (1:300, formalin-fixed paraffin embedded sections).
	2. Immunochemical staining of human GJA1 in cynomolgus heart with rabbit monoclonal antibody (1:300, formalin-fixed paraffin embedded sections).
Application:	IHC-P
Recommended	IHC-P: 1:100-1:500

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	A synthetic peptide: center region of the Human GJA1
Antigen Species:	Human

## Research Background

GJA1 encodes connexin 43 (Cx43), the most widely expressed gap junction protein. The de novo missense mutations in GJA1 (gap junction protein alpha 1) cause EKVP. Erythrokeratoderma variabilis et progressiva (EKVP) is a rare, inherited skin disease that is characterized by transient figurate patches of erythema, localized or generalized scaling, and frequent palmoplantar keratoderma. GJA1 and SERPINE2 represent potential gene markers associated with oocyte maturation. In the GJA1 gene which encodes gap junction channel protein connexin 43.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481