

Product datasheet for **AP21179PU-S**

GJA4 Rabbit Polyclonal Antibody

Product data:

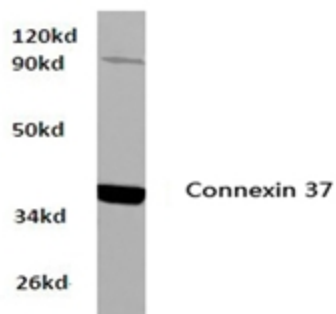
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	Western blot: 1/500-1/1000.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	This antibody detects endogenous levels of Connexin 37 protein (region surrounding Leu116).
Formulation:	Phosphate buffered saline (PBS), pH~7.2 State: Aff - Purified State: Liquid purified Ig fraction (> 95% pure by SDS-PAGE) Preservative: 15mM Sodium Azide
Concentration:	1.0 mg/ml
Purification:	Affinity Chromatography using epitope-specific immunogen
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Predicted Protein Size:	~36.0 kDa
Gene Name:	gap junction protein alpha 4
Database Link:	Entrez Gene 14612 Mouse Entrez Gene 25655 Rat Entrez Gene 2701 Human P35212
Background:	The Connexin 37/GJA4 gene encodes 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 have been associated with atherosclerosis and a higher risk of myocardial infarction.
Synonyms:	Gap junction alpha-4 protein, Connexin-37



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Protein Families: Ion Channels: Other, Transmembrane

Product images:



Western blot analysis of Connexin 37 antibody (Cat.-No [AP21179PU-N]) in extracts from HeLa cell at 1/500 dilution