

## Product datasheet for **AP11584PU-N**

### GJD2 (C-term) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA 1:1,000. Western blot 1:100 - 1:500. Immunohistochemistry 1:50 - 1:100.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected in between from aa 292-321 from the C-terminal region of human GJA9.
Specificity:	This antibody detects Connexin 36 / GJA9 at C-term.
Formulation:	PBS with 0.09% (W/V) sodium azide State: Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS
Conjugation:	Unconjugated
Storage:	Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	gap junction protein delta 2
Database Link:	<a href="#">Entrez Gene 57369 Human</a> <a href="#">Q9UKL4</a>



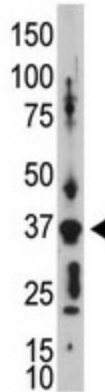
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**Background:** GJA9, also called connexin-36 (CX36), is a member of the connexin gene family that is expressed predominantly in mammalian neurons. Connexins associate in groups of 6 and are organized radially around a central pore to form connexons. Each gap junction intercellular channel is formed by the conjunction of 2 connexons.

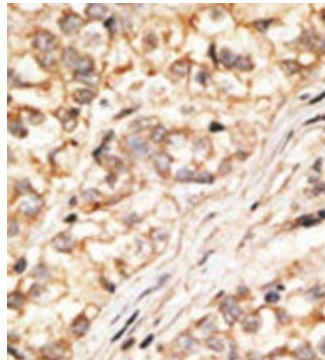
**Synonyms:** GJA9, Connexin-36

**Note:** Molecular weight: 36092 Da

**Product images:**



The anti-GJA9 C-term is used in Western blot to detect GJA9 in placenta tissue lysate.



Formalin-fixed and paraffin-embedded human hepatocarcinoma reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.