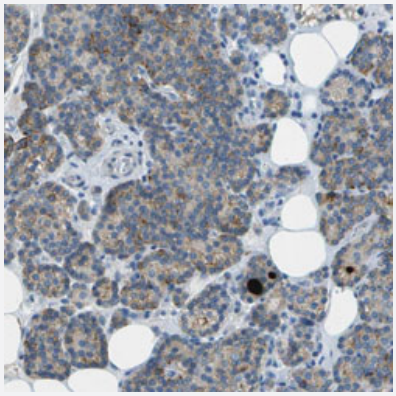
# LGI2 polyclonal antibody

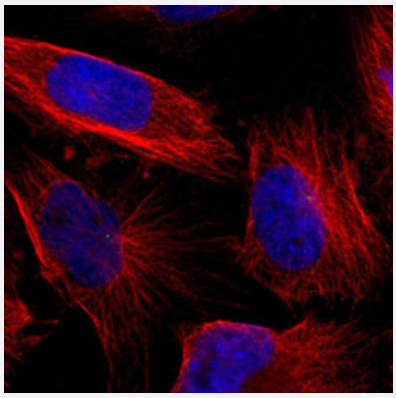
Catalog # PAB31471 Size 100 uL

## Applications



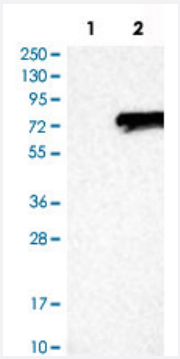
### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human parathyroid gland with LGI2 polyclonal antibody (Cat # PAB31471) shows moderate cytoplasmic positivity in glandular cells.



### Immunofluorescence

Immunofluorescent staining of U-251 MG cells with LGI2 polyclonal antibody (Cat # PAB31471) (Green) shows localization to centrosome.




### Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: negative control (vector only transfected HEK293T cell lysate) and Lane 2: over-expression lysate (co-expressed with a C-terminal myc-DDK tag in mammalian HEK293T cells) with LGI2 polyclonal antibody (Cat # PAB31471).

## Specification

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| | |
|---|---|
| **Product Description** | Rabbit polyclonal antibody raised against partial recombinant human LGl2. |
| **Immunogen** | Recombinant protein corresponding to human LGl2. |
| **Sequence** | DLTHLSLANNHIKALPRDVFSDLDSLIELDLRGNKFECDCKAKWLYLWLKMTNSTVSDVLCIGPPE YQEKKLNDVTSFDYECTTTDFVVHQTLPYQSVSVDTFNSKNDVYVAIAQPSMENCMVLEW |
| **Host** | Rabbit |
| **Reactivity** | Human |
| **Form** | Liquid |
| **Purification** | Antigen affinity purification |
| **Isotype** | IgG |
| **Recommend Usage** | Immunofluorescence (1-4 ug/mL)<br>Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:20-1:50)<br>Western Blot (1:100-1:250)<br>The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide). |
| **Storage Instruction** | Store at 4°C. For long term storage store at -20°C.<br>Aliquot to avoid repeated freezing and thawing. |
| **Note** | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only. |

## Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human parathyroid gland with LGl2 polyclonal antibody (Cat # PAB31471) shows moderate cytoplasmic positivity in glandular cells.

- Immunofluorescence

  Immunofluorescent staining of U-251 MG cells with LGl2 polyclonal antibody (Cat # PAB31471) (Green) shows localization to centrosome.

- Western Blot (Transfected lysate)

  Western Blot analysis of Lane 1: negative control (vector only transfected HEK293T cell lysate) and Lane 2: over-expression lysate (co-expressed with a C-terminal myc-DDK tag in mammalian HEK293T cells) with LGl2 polyclonal antibody (Cat # PAB31471).

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## Gene Info — LGI2

| | |
|---|---|
| **Entrez GeneID** | 55203 |
| **Protein Accession#** | Q8N0V4 |
| **Gene Name** | LGI2 |
| **Gene Alias** | FLJ10675, KIAA1916, LGIL2, MGC126808, MGC126810 |
| **Gene Description** | leucine-rich repeat LGI family, member 2 |
| **Omim ID** | 608301 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | O |
| **Other Designations** | LGI1-like protein 2\|OTTHUMP00000123374\|leucine-rich, glioma inactivated 2 |

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