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# LRRC34 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10603c

## Product Information

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|---|---|
| **Application** | WB, E |
| **Primary Accession** | Q8IZ02 |
| **Other Accession** | NP_001166250.1, NP_699184.2 |
| **Reactivity** | Human, Rat, Mouse |
| **Predicted** | Bovine, Canine, Rabbit |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Isotype** | Rabbit IgG |
| **Clone Names** | RB27929 |
| **Calculated MW** | 51277 |
| **Antigen Region** | 154-182 |

## Additional Information

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|---|---|
| **Gene ID** | 151827 |
| **Other Names** | Leucine-rich repeat-containing protein 34, LRRC34 |
| **Target/Specificity** | This LRRC34 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 154-182 amino acids from the Central region of human LRRC34. |
| **Dilution** | WB~~1:2000 E~~Use at an assay dependent concentration. |
| **Format** | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| **Storage** | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| **Precautions** | LRRC34 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

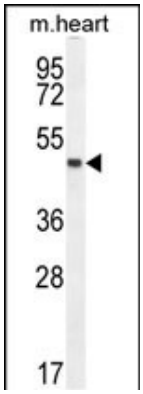
| | |
|---|---|
| **Name** | LRRC34 |
| **Function** | Highly expressed in stem cells where it may be involved in regulation of pluripotency. In embryonic stem cells (ESCs), important for normal expression of the pluripotency regulators POU5F1/OCT4 and KLF4. Also important for |

expression of the ectodermal marker gene NES and the endodermal marker gene GATA4. Promotes stem cell proliferation in vitro.

**Cellular Location**

Nucleus {ECO:0000250|UniProtKB:Q9DAM1}. Nucleus, nucleolus {ECO:0000250|UniProtKB:Q9DAM1}. Cytoplasm {ECO:0000250|UniProtKB:Q9DAM1}. Note=As stem cells differentiate, translocates from the nucleolus to the nucleus and then to the cytoplasm. Colocalizes with NPM1 and NCL in the nucleolus {ECO:0000250|UniProtKB:Q9DAM1}

## Images




LRRC34 Antibody (Center) (Cat. #AP10603c) western blot analysis in mouse heart tissue lysates (35ug/lane).This demonstrates the LRRC34 antibody detected the LRRC34 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.