

PACRG rabbit monoclonal antibody

Catalog # H00135138-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human PACRG peptide using ARM Technology.
Immunogen	A synthetic peptide of human PACRG is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human PACRG peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — PACRG

Entrez GeneID [135138](#)

GeneBank Accession# [PACRG](#)

Gene Name PACRG

Gene Alias FLJ32724, GLUP, HAK005771, PARK2CRG, RP3-495O10.2

Gene Description PARK2 co-regulated

Omim ID [607572 608427](#)

Gene Ontology [Hyperlink](#)

Gene Summary

This gene encodes a protein that is conserved across metazoans. In vertebrates, this gene is linked in a head-to-head arrangement with the adjacent parkin gene, which is associated with autosomal recessive juvenile Parkinson's disease. These genes are co-regulated in various tissues and they share a bi-directional promoter. Both genes are associated with susceptibility to leprosy. The parkin co-regulated gene protein forms a large molecular complex with chaperones, including heat shock proteins 70 and 90, and chaperonin components. This protein is also a component of Lewy bodies in Parkinson's disease patients, and it suppresses unfolded Pael receptor-induced neuronal cell death. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

OTTHUMP00000017729|OTTHUMP00000017730|molecular chaperone/chaperonin-binding protein|parkin co-regulated gene protein

Disease

- [Genetic Predisposition to Disease](#)
- [Infertility](#)
- [Leprosy](#)
- [Parkinson disease](#)
- [Parkinsonian Disorders](#)
- [Tobacco Use Disorder](#)
- [Tuberculosis](#)