



DISCOVERY®
ANTIBODIES

Data Sheet

Anti-PERK antibody

| | |
|---------------------------|---|
| Product Description | Anti-PERK antibody raised against the drosophila PERK kinase domain |
| Cross reactivity | Drosophila melanogaster |
| Antigen | Drosophila PERK kinase domain Recombinant protein |
| Catalogue Number | crb2005253f |
| Batch Number | CRB241 (2869) |
| Host Species | Rabbit Polyclonal IgG |
| Formulation & Storage | The product should be stored at -20°C for for short term storage and long term storage. Avoid repeated freeze/ thaw cycles. |
| Quantity | 100µl |
| Method of Preparation | serum |
| Recommended Concentration | 1:1000 (WB), 1:1000 (ELISA) |
| Validation | Please see overleaf |
| Citations | Malzer et al. (2010) J Cell Sci. 1;123(Pt 17):2892-900. doi: 10.1242/jcs.070078. PMID: 20682638 |
| Research Use | For research use only, not for use in diagnostic procedures |

Certified by

Ling-I Su

Date: 05th November 2019

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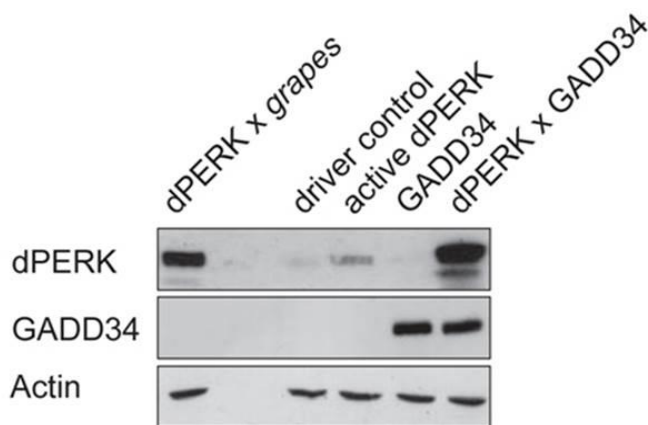


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Validation



Anti-PERK antibody (crb2005276) (1:1000)

Western blot analysis of fly heads (three per lane) from indicated genotypes. Blotting for actin provided the loading control. Note the increased level of PERK-WT immunoreactivity in GADD34-rescued flies. This reflects the preservation of PERK expressing retinal tissue.

Image provided courtesy of Dr. Stefan Marciniak Laboratory, Cambridge Institute for Medical Research (CIMR).

Material Safety Data

THIS PRODUCT IS FOR RESEARCH USE ONLY AND IS NOT INTENDED FOR DIAGNOSTIC, THERAPEUTIC OR HUMAN USE

It is recommended that this material be handled by persons trained in laboratory techniques. Standard Laboratory Practices should be followed when handling this material.

The toxicological properties of this material have not been thoroughly investigated. Appropriate measures should be taken to avoid skin and eye contact, inhalation and ingestion. In case of contact with skin or eyes, wash immediately with water. In case of ingestion or inhalation, medical advice should be sought.

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