

## CAB4012

---

### Product Information

|                     |         |                      |        |                    |                 |
|---------------------|---------|----------------------|--------|--------------------|-----------------|
| <b>Product SKU:</b> | CAB4012 | <b>Gene ID:</b>      | 5164   | <b>Size:</b>       | 20uL, 100uL     |
| <b>Clone No:</b>    | -       | <b>Host Species:</b> | Rabbit | <b>Reactivity:</b> | Human,Mouse,Rat |

---

### Additional Information

|                       |       |                   |              |
|-----------------------|-------|-------------------|--------------|
| <b>Observed MW:</b>   | 46kDa | <b>Conjugate:</b> | Unconjugated |
| <b>Calculated MW:</b> | 46kDa | <b>Isotype:</b>   | IgG          |

---

### Immunogen Information

**Background:** This gene encodes a member of the pyruvate dehydrogenase kinase family. The encoded protein phosphorylates pyruvate dehydrogenase, down-regulating the activity of the mitochondrial pyruvate dehydrogenase complex. Overexpression of this gene may play a role in both cancer and diabetes. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

**Recommended Dilution:** WB,1:1000 - 1:5000 IF/ICC,1:50 - 1:200

**Synonyms:** PDHK2; PDKII; PDK2

**Purification Method:** Affinity purification

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 128-407 of human PDK2 (NP\_002602.2).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.