



# DYRK2 rabbit pAb

Cat No.:ES8952

For research use only

## Overview

|                                 |  |
|---------------------------------|--|
| <b>Product Name</b>             | DYRK2 rabbit pAb   |
| <b>Host species</b>             | Rabbit   |
| <b>Applications</b>             | WB;ELISA   |
| <b>Species Cross-Reactivity</b> | Human;Mouse  |
| <b>Recommended dilutions</b>    | WB 1:500-2000 ELISA 1:5000-20000   |
| <b>Immunogen</b>                | Synthesized peptide derived from human protein .<br>at AA range: 320-400   |
| <b>Specificity</b>              | DYRK2 Polyclonal Antibody detects endogenous<br>levels of protein.   |
| <b>Formulation</b>              | Liquid in PBS containing 50% glycerol, 0.5% BSA and<br>0.02% sodium azide.   |
| <b>Storage</b>                  | Store at -20°C. Avoid repeated freeze-thaw cycles.   |
| <b>Protein Name</b>             | Dual specificity tyrosine-phosphorylation-regulated<br>kinase 2 (EC 2.7.12.1)  |
| <b>Gene Name</b>                | DYRK2  |
| <b>Cellular localization</b>    | Cytoplasm. Nucleus. Translocates into the nucleus<br>following DNA damage.   |
| <b>Purification</b>             | The antibody was affinity-purified from rabbit<br>antiserum by affinity-chromatography using<br>epitope-specific immunogen.  |
| <b>Clonality</b>                | Polyclonal   |
| <b>Concentration</b>            | 1 mg/ml  |
| <b>Observed band</b>            | 66kD   |
| <b>Human Gene ID</b>            | 8445   |
| <b>Human Swiss-Prot Number</b>  | Q92630   |
| <b>Alternative Names</b>        |  |
| <b>Background</b>               | DYRK2 belongs to a family of protein kinases whose<br>members are presumed to be involved in cellular<br>growth and/or development. The family is defined<br>by structural similarity of their kinase domains and<br>their capability to autophosphorylate on tyrosine<br>residues. DYRK2 has demonstrated tyrosine<br>autophosphorylation and catalyzed phosphorylation |





of histones H3 and H2B in vitro. Two isoforms of DYRK2 have been isolated. The predominant isoform, isoform 1, lacks a 5' terminal insert. [provided by RefSeq, Jul 2008],

Western blot analysis of lysates from DU145 cells, primary antibody was diluted at 1:1000, 4° over night

