

## Rabbit polyclonal antibody to human Rho-associated protein kinase 2 (35-51): Affinity purified

<b>Catalogue No.:</b>	R-1612-100
<b>Description:</b>	Rho-associated protein kinase 2 (ROCK2) is a serine/threonine kinase that phosphorylates many important signalling proteins involved in the regulation of cytokinesis, smooth muscle contraction, the formation of actin stress fibers and focal adhesions complexes as well as malignant cell transformation, tumor invasion and metastasis.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	A synthetic peptide corresponding to a region (35-51) from human Rho-associated protein kinase 2.
<b>Other Names:</b>	EC 2.7.11.1; Rho-associated; coiled-coil-containing protein kinase 2; p164 ROCK-2; Rho kinase 2; ROCK2; KIAA0619;
<b>Accession:</b>	O75116 ROCK2_HUMAN;
<b>Produced in:</b>	Rabbit
<b>Purity:</b>	Affinity purified on antigen column
<b>Applications:</b>	Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 0.1-0.5 ug/mL is recommended for WB. Human Rho-associated protein kinase 2 has a predicted length of 1388 amino acids and MW of 160 kDa. A concentration of 0.5-1.0 ug/mL is recommended to detect the protein in formalin fixed and paraffin embedded tissues. Heat mediated antigen retrieval is required. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Cross-reactivity:</b>	Human (WB, IHC); rat (WB); predicted to react with mouse due to sequence homology;
<b>Form:</b>	Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05mg Thimerosal, 0.05mg NaN <sub>3</sub>
<b>Reconstitution:</b>	Reconstitute in 100 uL of sterile distilled water to achieve an antibody concentration of 1 mg/mL. Centrifuge to remove any insoluble material.
<b>Storage:</b>	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.
<b>Expiry Date:</b>	12 months after purchase

---

FOR RESEARCH USE ONLY

---