



PRODUCT DATA SHEET

Product: Anti-C-TAK1, polyclonal

Cat. No.: PC-109 (250 µg)

Background:

C-TAK1 (Cdc25C associated protein kinase) is a ubiquitously expressed protein kinase found in human tissues and cell lines and can phosphorylate Cdc25C on serine 216 *in vitro*. C-TAK1 is distinct from the DNA damage checkpoint kinase Chk1 and may regulate interactions between Cdc25C and 14-3-3 *in vivo* by phosphorylating Cdc25C at serine 216.

Specificity:

This antibody detects C-TAK1.

Positive Control:

Recombinant His-tagged C-TAK1 protein as well as C-TAK1 in RKO and HCT116 cell lysates.

Species Reactivity:

Human. Others not tested.

Source:

Sheep

Immunogen:

Recombinant full length His-tagged human C-TAK1 produced in *E. coli*.

Format:

Provided at a concentration of 1 mg/mL in phosphate buffered saline with 0.08% sodium-azide. The antibody solution was 0.2 µm sterile filtered.

Storage and Stability:

Store at -20°C. Aliquot to avoid freeze/thaw cycles.

Application and Suggested Dilution:

■ Western blotting: Use at 1 to 5 µg/mL.

The optimal dilution for a specific application should be determined by the researcher.

Limitations:

For *in vitro* research use only. Not for use in diagnostics or in humans.

Warranty:

No warranties, expressed or implied, are made regarding the use of this product. KAMIYA BIOMEDICAL COMPANY is not liable for any damage, personal injury, or economic loss caused by this product.