

R1608CP**ING1 Control Peptide****Alternate names:**

ING-1, Inhibitor of growth protein 1

Quantity:

50 µg

Concentration:

1.0 mg/ml (by weight)

Background:

The ING1 gene encodes a tumor suppressor protein that can induce cell growth arrest and apoptosis. The encoded protein is a component of the p53 signalling pathway and is a nuclear protein that physically interacts with the tumor suppressor protein TP53. Rearrangement and reduced expression of this gene have been detected in various cancers. Multiple alternatively spliced transcript variants encoding distinct isoforms have been reported.

Uniprot ID:[Q9UK53](#)**NCBI:**[NP_005528.3](#)**GeneID:**[3621](#)**Format:****State:** Liquid (sterile filtered)**Purification:** Greater than 95% specific peptide**Buffer System:** 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 containing 0.01% (w/v) Sodium Azide**Applications:**

Control peptide should be used at 1.0 µg per 1.0 µl of antiserum in per assay. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:

ING1 Control Peptide

Storage:

Store the antibody at -20°C.

Avoid repeated freezing and thawing.

Shelf life: 6 month from despatch.