

**ING2 Antibody(Center) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP19411c****Specification**

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**ING2 Antibody(Center) Blocking peptide - Product Information**Primary Accession [Q9H160](#)**ING2 Antibody(Center) Blocking peptide - Additional Information****Gene ID** 3622**Other Names**

Inhibitor of growth protein 2, Inhibitor of growth 1-like protein, ING1Lp, p32, p33ING2, ING2, ING1L

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**ING2 Antibody(Center) Blocking peptide - Protein Information****Name** ING2**Synonyms** ING1L**Function**

Seems to be involved in p53/TP53 activation and p53/TP53- dependent apoptotic pathways, probably by enhancing acetylation of p53/TP53. Component of a mSin3A-like corepressor complex, which is probably involved in deacetylation of nucleosomal histones. ING2 activity seems to be modulated by binding to phosphoinositides (PtdInsPs).

**Cellular Location**

Nucleus. Note=Predominantly nuclear. Localized to chromatin and nuclear matrix Upon reduced PtdIns(5)P levels seems to be released from chromatin and, at least partially, translocated to the cytoplasm

**Tissue Location**

Widely expressed. Higher expressed in colon-cancer tumor than in normal colon tissues.

**ING2 Antibody(Center) Blocking peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

#### **ING2 Antibody(Center) Blocking peptide - Images**

#### **ING2 Antibody(Center) Blocking peptide - Background**

This gene is a member of the inhibitor of growth (ING)family. Members of the ING family associate with and modulate the activity of histone acetyltransferase (HAT) and histone deacetylase(HDAC) complexes and function in DNA repair and apoptosis.

#### **ING2 Antibody(Center) Blocking peptide - References**

Ythier, D., et al. Oncogene 29(44):5946-5956(2010) Larrieu, D., et al. EMBO Rep. 10(10):1168-1174(2009) Kumamoto, K., et al. Int. J. Cancer 125(6):1306-1315(2009) Borkosky, S.S., et al. J. Cancer Res. Clin. Oncol. 135(5):703-713(2009) Unoki, M., et al. FEBS Lett. 582(28):3868-3874(2008)